

Web Application Report

This report includes important security information about your Web Application.

Security Report

This report was created by IBM Rational AppScan 8.5.0.1
9/26/2012 11:13:53 AM

Report Information

Web Application Report

Scan Name: cancermodels-qa_09212012

Scanned Host(s)

Host	Operating System	Web Server	Application Server
cancermodels-qa.nci.nih.gov	Unix/Linux	Apache	Tomcat
cancermodels-qa.nci.nih.gov:443	Unix/Linux	Apache	Tomcat

Content

This report contains the following sections:

- Executive Summary
- Detailed Security Issues
- Remediation Tasks
- Application Data
- Application URLs
- Advisories & Fix Recommendations

Executive Summary

Test Policy

- Default

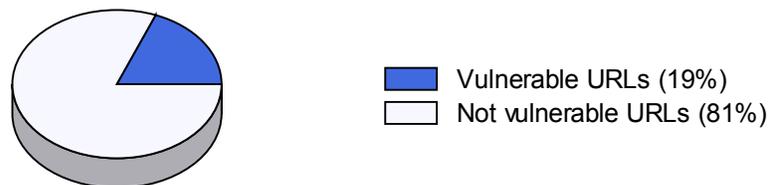
Security Risks

Following are the security risks that appeared most often in the application. To explore which issues included these risks, please refer to the 'Detailed Security Issues' section in this report.

- It may be possible to steal sensitive data such as credit card numbers, social security numbers etc. that are sent unencrypted
- It is possible to gather sensitive debugging information
- It is possible to gather sensitive information about the web application such as usernames, passwords, machine name and/or sensitive file locations
- It may be possible to bypass the web application's authentication mechanism
- It is possible to persuade a naive user to supply sensitive information such as username, password, credit card number, social security number etc.

Vulnerable URLs

19% of the URLs had test results that included security issues.



Scanned URLs

416 URLs were scanned by AppScan.

Security Issue Possible Causes

Following are the most common causes for the security issues found in the application. The causes below are those that repeated in the maximal number of issues. To explore which issues included these causes, please refer to the 'Detailed Security Issues' section in this report.

- Sensitive input fields such as usernames, password and credit card numbers are passed unencrypted
- Query parameters were passed over SSL, and may contain sensitive information
- Insecure web application programming or configuration

- No validation was done in order to make sure that user input matches the data type expected
- Proper bounds checking were not performed on incoming parameter values

URLs with the Most Security Issues (number issues)

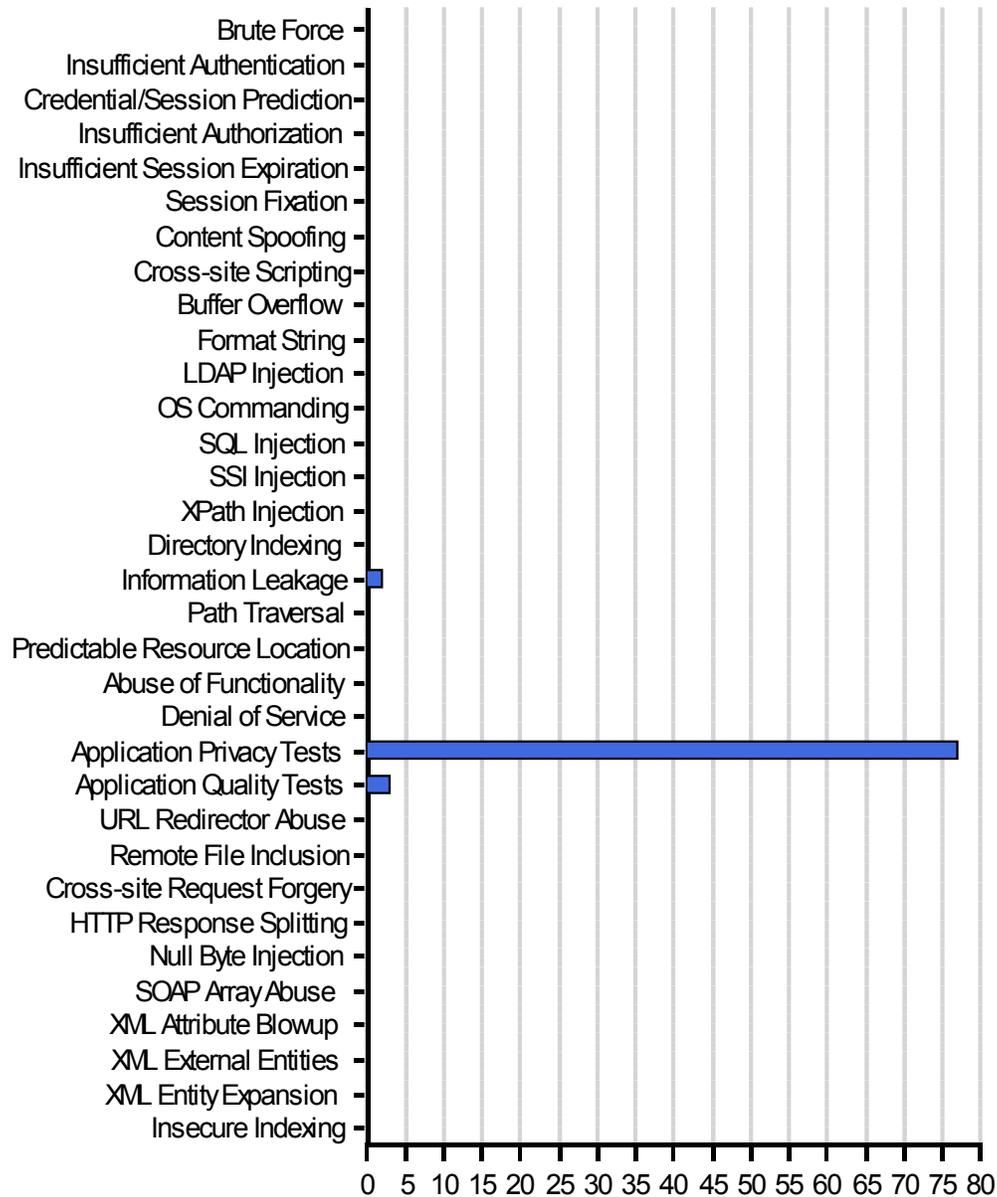
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (12)
- <https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do> (3)
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE> (3)
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B> (3)
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28> (3)

Security Issues per Host

Hosts	High	Medium	Low	Informational	Total
https://cancermodels-qa.nci.nih.gov/	0	0	77	5	82
Total	0	0	77	5	82

Security Issue Distribution per Threat Class

The following is a list of the security issues, distributed by Threat Class.



Security Issue Cause Distribution

100% Application-related Security Issues (82 out of a total of 82 issues).

Application-related Security Issues can usually be fixed by application developers, as they result from defects in the application code.

0% Infrastructure and Platform Security Issues (0 out of a total 82 issues).

Infrastructure and Platform Security Issues can usually be fixed by system and network administrators as these security issues result from misconfiguration of, or defects in 3rd party products.

Detailed Security Issues

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/>

Total of 1 security issues in this URL

[1 of 1] SSL Certificate Domain Name Mismatch

Severity: Informational
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/>
CVE ID(s): N/A
CWE ID(s): 297
Remediation Tasks: Update your SSL certificate, and make sure that all attributes are valid

Variant 1 of 1 [ID=332]

The following may require user attention:

```
GET /camod/login.do;jsessionid=D2342FDD741F8504E2A2E51BE6CCE7EB HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=69CB1E0152BE4BD12C6C06D40228D9DA
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/login.do
```

```
HTTP/1.0 200 OK
Set-Cookie: JSESSIONID=414475C4F28AA0579521B4F0B56042CA; path=/camod;
secure
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:06 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table  
is used to format page content" border=0> <!-- This table is closed at the end of the  
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A  
href="http://www.cancer.gov/"><IMG height=37  
alt="National Cancer Institute" src="/camod/images/logotype.gif"  
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>  
<A href="http://www.cancer.gov/"><IMG height=37  
alt="U.S. National Institutes of Health | www.cancer.gov"  
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to  
format page content" border=0> <!-- This table is ended at the end of the Application footer
```

```

of the footer.jsp -->
    <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
    <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
    <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
            height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
    </TBODY>
    </TABLE>
    </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
        href="login.jsp"><IMG
            height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
    <TD class=subMenuSecondaryTitle
        onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor

```

```

onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
)"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
)"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
<TD class...

```

Validation In Response:

N/A

Reasoning:

AppScan found that the site domain name and the certificate common name do not match.

CWE ID:

297

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do>

Total of 3 security issues in this URL

[1 of 3] Missing Secure Attribute in Encrypted Session (SSL) Cookie

Severity: Low
 Test Type: Application
 Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do> (Cookie: validUserKey)
 CVE ID(s): N/A
 CWE ID(s): 614
 Remediation Tasks: Add the 'Secure' attribute to all sensitive cookies

Variant 1 of 1 [ID=7167]

The following may require user attention:

POST /camod/LoginAction.do HTTP/1.1
Cookie: JSESSIONID=C14EFAA220C9BA8D51CA6A6C19581F28;
ncbi_sid=396E1D4805B183E1_0122SID; switchmenu=
Content-Length: 42
Accept: image/gif, image/jpeg, image/pjpeg, image/pjpeg, application/x-ms-application,
application/x-ms-xbap, application/vnd.ms-xpsdocument, application/xaml+xml, */*
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Connection: Keep-Alive
Cache-Control: no-cache

username=camodcurator2&password=DataEntry9
HTTP/1.0 302 Moved Temporarily
Set-Cookie: validUserKey=123456789; path=/
Set-Cookie: JSESSIONID=E44020FC1B1470667939D3C42CE59347; path=/camod;
secure
Content-Length: 0
Date: Fri, 21 Sep 2012 20:38:13 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: https://cancermodels-qa.nci.nih.gov/camod/login.do
Content-Type: text/html;charset=UTF-8
Connection: close

Validation In Response:

N/A

Reasoning:

AppScan found that an encrypted session (SSL) is using a cookie without the "secure" attribute.

CWE ID:

614

[2 of 3] Application Error

Severity: Informational
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do> (Parameter: username)
CVE ID(s): N/A
CWE ID(s): 550
Remediation Tasks: Verify that parameter values are in their expected ranges and types. Do not output debugging error messages and exceptions

Variant 1 of 3 [ID=2842]

The following changes were applied to the original request:

- Removed parameter 'username'
- Added parameter 'username.' with the following value 'camodcurator2'

Request/Response:

```
POST /camod/LoginAction.do HTTP/1.1
Cookie: switchmenu=
Content-Length: 43
Accept: image/gif, image/jpeg, image/pjpeg, image/pjpeg, application/x-ms-application, application/x-ms-xbap, application/vnd.ms-xpsdocument, application/xaml+xml, */*
Referer: https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Connection: Keep-Alive
Cache-Control: no-cache

password=DataEntry9&username.=camodcurator2
HTTP/1.0 500 Internal Server Error
Content-Length: 3532
Date: Tue, 25 Sep 2012 21:36:29 GMT
Content-Type: text/html; charset=utf-8
Connection: close

<html><head><title>JBoss Web/2.1.3.GA - Error report</title><style><!--H1 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:22px;}
H2 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:16px;}
H3 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:14px;}
BODY {font-family:Tahoma,Arial,sans-serif;color:black;background-color:white;}
B {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;}
P {font-family:Tahoma,Arial,sans-serif;background:white;color:black;font-size:12px;}
A {color : black;}
A.name {color : black;}
HR {color : #525D76;}--></style> </head><body><h1>HTTP Status 500 - </h1><HR size="1" noshade="noshade"><p><b>type</b> Exception report</p><p><b>message</b><u></u></p><p><b>description</b> <u>The server encountered an internal error () that prevented it from fulfilling this request.</u></p><p><b>exception</b><pre>javax.servlet.ServletException: BeanUtils.populate
    org.apache.struts.util.RequestUtils.populate(RequestUtils.java:497)
    org.apache.struts.action.RequestProcessor.processPopulate
(RequestProcessor.java:798)
    org.apache.struts.action.RequestProcessor.process(RequestProcessor.java:205)
    gov.nih.nci.camod.util.CustomRequestProcessor.process
(CustomRequestProcessor.java:54)
    org.apache.struts.action.ActionServlet.process(ActionServlet.java:1164)
    org.apache.struts.action.ActionServlet.doPost(ActionServlet.java:415)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:637)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
```

```

(CharacterEncodingFilter.java:96)
    org.springframework.web.filter.OncePerRequestFilter.doFilter
(OncePerRequestFilter.java:76)
    gov.nih.nci.common.persistence.hibernate.HibernateFilter.doFilter
(HibernateFilter.java:44)
    org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter
(ReplyHeaderFilter.java:96)
</pre></p><p><b>root cause</b> <pre>java.lang.IllegalArgumentException: No bean
specified
    org.apache.commons.beanutils.PropertyUtilsBean.getPropertyDescriptor
(PropertyUtilsBean.java:751)
    org.apache.commons.beanutils.BeanUtilsBean.setProperty(BeanUtilsBean.java:937)
    org.apache.commons.beanutils.BeanUtilsBean.populate(BeanUtilsBean.java:811)
    org.apache.commons.beanutils.BeanUtils.populate(BeanUtils.java:298)
    org.apache.struts.util.RequestUtils.populate(RequestUtils.java:495)
    org.apache.struts.action.RequestProcessor.processPopulate
(RequestProcessor.java:798)
    org.apache.struts.action.RequestProcessor.process(RequestProcessor.java:205)
    gov.nih.nci.camod.util.CustomRequestProcessor.process
(CustomRequestProcessor.java:54)
    org.apache.struts.action.ActionServlet.process(ActionServlet.java:1164)
    org.apache.struts.action.ActionServlet.doPost(ActionServlet.java:415)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:637)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
    org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal
(CharacterEncodingFilter.java:96)
    org.springframework.web.filter.OncePerRequestFilter.doFilter
(OncePerRequestFilter.java:76)
    gov.nih.nci.common.persistence.hibernate.HibernateFilter.doFilter
(HibernateFilter.java:44)
    org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter
(ReplyHeaderFilter.java:96)
</pre></p><p><b>note</b> <u>The full stack trace of the root cause is available in
the JBoss Web/2.1.3.GA logs.</u></p><hr size="1" noshade="noshade"><h3>JBoss
Web/2.1.3.GA</h3></body></html>

```

Validation In Response:

- HTTP/1.0 **500** Internal Server Error

Reasoning:

The application has responded with an error message, indicating an undefined state that may expose sensitive information.

CWE ID:

550

[3 of 3] Application Error

Severity:	Informational
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do (Parameter: password)
CVE ID(s):	N/A
CWE ID(s):	550
Remediation Tasks:	Verify that parameter values are in their expected ranges and types. Do not output debugging error messages and exceptions

Variant 1 of 3 [ID=2944]

The following changes were applied to the original request:

- Removed parameter 'password'
- Added parameter 'password.' with the following value 'DataEntry9'

Request/Response:

```
POST /camod/LoginAction.do HTTP/1.1
Cookie: switchmenu=
Content-Length: 43
Accept: image/gif, image/jpeg, image/pjpeg, image/pjpeg, application/x-ms-application, application/x-ms-xbap, application/vnd.ms-xpsdocument, application/xaml+xml, */*
Referer: https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Connection: Keep-Alive
Cache-Control: no-cache
```

```
username=camodcurator2&password.=DataEntry9
HTTP/1.0 500 Internal Server Error
Content-Length: 3532
Date: Tue, 25 Sep 2012 21:36:42 GMT
Content-Type: text/html; charset=utf-8
Connection: close
```

```
<html><head><title>JBoss Web/2.1.3.GA - Error report</title><style><!--H1 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:22px;}
H2 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:16px;}
H3 {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;font-size:14px;}
BODY {font-family:Tahoma,Arial,sans-serif;color:black;background-color:white;}
B {font-family:Tahoma,Arial,sans-serif;color:white;background-color:#525D76;}
P {font-family:Tahoma,Arial,sans-serif;background:white;color:black;font-size:12px;}
A {color : black;}
A.name {color : black;}
HR {color : #525D76;}--></style> </head><body><h1>HTTP Status 500 - </h1><HR size="1" noshade="noshade"><p><b>type</b> Exception report</p><p><b>message</b> <u><b>description</b></u><u>The server encountered an internal error () that prevented it from fulfilling this request.</u></p><p><b>exception</b>
<pre>javax.servlet.ServletException: BeanUtils.populate
    org.apache.struts.util.RequestUtils.populate(RequestUtils.java:497)
    org.apache.struts.action.RequestProcessor.processPopulate
(RequestProcessor.java:798)
    org.apache.struts.action.RequestProcessor.process(RequestProcessor.java:205)
    gov.nih.nci.camod.util.CustomRequestProcessor.process
(CustomRequestProcessor.java:54)
    org.apache.struts.action.ActionServlet.process(ActionServlet.java:1164)
    org.apache.struts.action.ActionServlet.doPost(ActionServlet.java:415)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:637)
    javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
    org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal
(CharacterEncodingFilter.java:96)
    org.springframework.web.filter.OncePerRequestFilter.doFilter
(OncePerRequestFilter.java:76)
    gov.nih.nci.common.persistence.hibernate.HibernateFilter.doFilter
(HibernateFilter.java:44)
    org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter
(ReplyHeaderFilter.java:96)
</pre></p><p><b>root cause</b> <pre>java.lang.IllegalArgumentException: No bean
specified
    org.apache.commons.beanutils.PropertyUtilsBean.getPropertyDescriptor
(PropertyUtilsBean.java:751)
    org.apache.commons.beanutils.BeanUtilsBean.setProperty(BeanUtilsBean.java:937)
    org.apache.commons.beanutils.BeanUtilsBean.populate(BeanUtilsBean.java:811)
    org.apache.commons.beanutils.BeanUtils.populate(BeanUtils.java:298)
    org.apache.struts.util.RequestUtils.populate(RequestUtils.java:495)
    org.apache.struts.action.RequestProcessor.processPopulate
(RequestProcessor.java:798)
    org.apache.struts.action.RequestProcessor.process(RequestProcessor.java:205)
    gov.nih.nci.camod.util.CustomRequestProcessor.process
(CustomRequestProcessor.java:54)
```

```
javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal
(CharacterEncodingFilter.java:96)
org.springframework.web.filter.OncePerRequestFilter.doFilter
(OncePerRequestFilter.java:76)
gov.nih.nci.common.persistence.hibernate.HibernateFilter.doFilter
(HibernateFilter.java:44)
org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter
(ReplyHeaderFilter.java:96)
</pre></p><p><b>note</b> <u>The full stack trace of the root cause is available in
the JBoss Web/2.1.3.GA logs.</u></p><hr size="1" noshade="noshade"><h3>JBoss
web/2.1.3.GA</h3></body></html>
```

Validation In Response:

- HTTP/1.0 **500** Internal Server Error

Reasoning:

The application has responded with an error message, indicating an undefined state that may expose sensitive information.

CWE ID:

550

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do>

Total of 1 security issues in this URL

[1 of 1] Query Parameter in SSL Request

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do (Parameter: method)
CVE ID(s):	N/A
CWE ID(s):	598
Remediation Tasks:	Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=3263]

The following may require user attention:

```
GET /camod/ReturnUserModels.do?method=returnUserModels HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=414475C4F28AA0579521B4F0B56042CA
Accept: image/gif, image/jpeg, image/pjpeg, image/pjpeg, application/x-ms-application,
application/x-ms-xbap, application/vnd.ms-xpsdocument, application/xaml+xml, */*
Referer: https://cancermodels-qa.nci.nih.gov/camod/login.do
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

Connection: Keep-Alive
Cache-Control: no-cache

HTTP/1.0 302 Moved Temporarily
Set-Cookie: JSESSIONID=772DB71554BF5C81DCDCD43ED0F39127; path=/camod;
secure
Set-Cookie: JSESSIONID=55D27148A34992AE2E4886389BDF38E9; path=/camod;
secure
Content-Length: 0
Date: Fri, 21 Sep 2012 20:52:28 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: http://cancermodels-
qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=55D27148A34992AE2E4886389BD
F38E9?method=returnUserModels
Content-Type: text/html;charset=UTF-8
Connection: close

GET /camod/ReturnUserModels.do;jsessionid=76193423B3B181A4B044B2CEDC1C8FC8
?method=returnUserModels HTTP/1.1
Cookie: validUserKey=123456789;
JSESSIONID=76193423B3B181A4B044B2CEDC1C8FC8
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/

HTTP/1.1 302 Moved Temporarily
Set-Cookie: JSESSIONID=6DAB87517F6D6E2FB7E99F7ECAE8CF19; path=/camod
Content-Length: 0
Date: Fri, 21 Sep 2012 20:52:01 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=6DAB87517F6D6E2FB7E99F7ECAE8CF19?
method=returnUserModels
Content-Type: text/html;charset=UTF-8

GET /camod/login.do;jsessionid=6DAB87517F6D6E2FB7E99F7ECAE8CF19?
method=returnUserModels HTTP/1.1
Cookie: validUserKey=123456789;

JSESSIONID=6DAB87517F6D6E2FB7E99F7ECAE8CF19
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?
method=returnUserModels

HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:44:49 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>

<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type="text/css" rel="stylesheet">
<SCRIPT src="/camod/scripts/script.js" type="text/javascript"></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type="text/javascript"></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name="GENERATOR">

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table is used to format page content" border=0> <!-- This table is closed at the end of the footer.jsp -->

```

<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
  cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TR>
      <TD align=left width=283 height=37><A
        href="http://www.cancer.gov/"><IMG height=37
        alt="National Cancer Institute" src="/camod/images/logotype.gif"
        width=283 border=0></A>
      </TD>
      <TD>&nbsp;</TD>
      <TD align=right width=295 height=37>
        <A href="http://www.cancer.gov/"><IMG height=37
        alt="U.S. National Institutes of Health | www.cancer.gov"
        src="/camod/images/tagline.gif" width=295 border=0></A>
      </TD>
    </TR>
  </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
  cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
        height=4...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do>

Total of 1 security issues in this URL

[1 of 1] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do>
(Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=26430]

The following may require user attention:

```
GET /camod/ReturnUserQueries.do?method=returnUserModels HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=F9B543DCA51EB3E4056538C36C1A0FA1
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
```

```
HTTP/1.0 302 Moved Temporarily
Content-Length: 0
Date: Fri, 21 Sep 2012 20:46:43 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: http://cancermodels-
qa.nci.nih.gov/camod/ReturnUserQueries.do;jsessionid=F9B543DCA51EB3E4056538C36
C1A0FA1?method=delete
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
GET /camod/ReturnUserQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1
?method=delete HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=F9B543DCA51EB3E4056538C36C1A0FA1
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
```

Host: cancermodels-qa.nci.nih.gov
Referer: https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do?method=delete

HTTP/1.1 200 OK
Content-Length: 0
Date: Fri, 21 Sep 2012 20:46:43 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do

Total of 1 security issues in this URL

[1 of 1] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do
(Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=26335]

The following may require user attention:

GET /camod/ReturnUserSavedQueries.do?method=delete HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=F9B543DCA51EB3E4056538C36C1A0FA1
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: https://cancermodels-

qa.nci.nih.gov/camod/login.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE

HTTP/1.0 302 Moved Temporarily
Content-Length: 0
Date: Fri, 21 Sep 2012 20:46:43 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: http://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1?method=delete
Content-Type: text/html;charset=UTF-8
Connection: close

GET /camod/ReturnUserSavedQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1?method=delete HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789; JSESSIONID=F9B543DCA51EB3E4056538C36C1A0FA1
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do?method=delete

HTTP/1.1 200 OK
Content-Length: 0
Date: Fri, 21 Sep 2012 20:46:43 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do>

Total of 1 security issues in this URL

[1 of 1] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do>
(Parameter: unprotected_method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=13849]

The following may require user attention:

```
GET /camod/SimpleSearchPopulateAction.do?unprotected_method=populate HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=414475C4F28AA0579521B4F0B56042CA
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
```

```
HTTP/1.0 302 Moved Temporarily
Content-Length: 0
Date: Fri, 21 Sep 2012 20:45:07 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Location: http://cancermodels-
qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=414475C4F28AA057952
1B4F0B56042CA?unprotected_method=populate
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
GET /camod/SimpleSearchPopulateAction.do;jsessionid=69CB1E0152BE4BD12C6C06D4
0228D9DA?unprotected_method=populate HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=69CB1E0152BE4BD12C6C06D40228D9DA
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
```

Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/

HTTP/1.1 200 OK
Content-Length: 46720
Date: Fri, 21 Sep 2012 20:44:47 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
```

```

cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
        alt="National Cancer Institute" src="/camod/images/logotype.gif"
          width=283 border=0></A>
    </TD>
    <TD>&nbsp;</TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
        alt="U.S. National Institutes of Health | www.cancer.gov"
          src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD valign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
      <TABLE summary="This table is used to format page content" class=subhdrBG
        cellSpacing=0 cellPadding=0 width="100%" border=0>
          <TBODY>
            <TR>
              <TD align=left height=50><a href="/camod/login.do"
                class="footerMenuLink"><IMG
                  height=46 alt="Application Logo" hspace=10
                    src="/camod/images/mmhcclogo.gif" border=0></a>
              </TD></TR>
            </TBODY>
          </TABLE>
        </TD></TR>
      <!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->

```

```
<a href="#main_content"></a>
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
<TBODY>

<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR><TD class=subMenuPrimaryTitle height=22>SEARCH MOUSE MODELS</TD></TR>
<TR><TD class=subMenuPrimaryItems>
<DIV>
  <IMG height=5 alt="" src="/camod/images/subMenuArrow.gif" width=5>
  &nbsp;<a href="/camod/SearchTableOfContentsPopulateAction.do?
unprotected_method=populate" class="subMenuPrimary">TABLE OF CONTENTS</a>
  <BR>
  <IMG h...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do>

Total of 1 security issues in this URL

[1 of 1] Autocomplete HTML Attribute Not Disabled for Password Field

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do>
CVE ID(s): N/A
CWE ID(s): 522
Remediation Tasks: Correctly set the "autocomplete" attribute to "off"

Variant 1 of 1 [ID=7833]

Request/Response:

```
GET /camod/login.do HTTP/1.1
Cookie: switchmenu=; JSESSIONID=0FEDF06702F375EBFAD1FAD923D69C95;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: image/gif, image/jpeg, image/pjpeg, image/pjpeg, application/x-ms-
application, application/x-ms-xbap, application/vnd.ms-xpsdocument,
application/xaml+xml, */*
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Connection: Keep-Alive
Cache-Control: no-cache
```

```
HTTP/1.0 200 OK
Set-Cookie: JSESSIONID=944A939CEC39BA4E18ED65AD0FFC4E4C; path=/camod; secure
Content-Length: 25840
Date: Tue, 25 Sep 2012 15:06:00 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```

</HEAD>
<BODY>
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table is
used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>
<!-- nci hdr begins -->
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
<TR>
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
</TD>
<TD>&nbsp;</TD>
<TD align=right width=295 height=37>
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
</TD>
</TR>
</TABLE>
<!-- nci hdr ends -->
</TD></TR>
<TR><TD valign=top height="100%">
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the
Application footer of the footer.jsp -->
<TBODY>
<TR><TD colspan=2 height=50>
<!-- application hdr begins -->
<TABLE summary="This table is used to format page content"
class=subhdrBG cellSpacing=0 cellPadding=0 width="100%" border=0>
<TBODY>
<TR>
<TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
</TD></TR>
</TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->
</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>
<!-- standard submenu begins -->
<!-- sidebar.jsp -->
<a href="#main_content"></a>
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
<TBODY>

```

<!-- Place Code here to determine the sub-Menu Links -->

```
<TR>
<TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub menu
--><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
  onclick="document.location.href='#'"
  onmou...
```

Validation In Response:

- `<td class="formFieldLogin"><input type="password" name="password" maxlength="25" size="20" value="" id="password" /></td>`

Reasoning:

AppScan has found that a password field does not enforce the disabling of the autocomplete feature.

CWE ID:

522

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE> (Parameter: __patternParameter__JSESSIONID____0)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=27767]

The following may require user attention:

```
GET /camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE?
method=returnSavedUserQueries&aModelID=150106710 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=3A3A111005CF52CF7B91ABBBFA320DCE
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do?
method=returnSavedUserQueries&aModelID=150106710
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:46:56 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
  <TD align=left width=283 height=37><A
  href="http://www.cancer.gov/"><IMG height=37
  alt="National Cancer Institute" src="/camod/images/logotype.gif"
  width=283 border=0></A>
  </TD>
  <TD align=right width=295 height=37>
  <A href="http://www.cancer.gov/"><IMG height=37
  alt="U.S. National Institutes of Health | www.cancer.gov"
  src="/camod/images/tagline.gif" width=295 border=0></A>
  </TD>
  </TR>
  </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

```

```

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>

```

```

<!-- Place Code here to determine the sub-Menu Links -->

```

```

  <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
      href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary

```

```

<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD>...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Query Parameter in SSL Request

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE (Parameter: method)
CVE ID(s):	N/A
CWE ID(s):	598
Remediation Tasks:	Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=27608]

The following may require user attention:

```

GET /camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE?
method=returnSavedUserQueries&aModelID=150106710 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=3A3A111005CF52CF7B91ABBBFA320DCE
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)

```

Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do?
method=returnSavedUserQueries&aModelID=150106710

HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:46:56 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>
```

```
<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
```

```

cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
        alt="National Cancer Institute" src="/camod/images/logotype.gif"
          width=283 border=0></A>
    </TD>
    <TD>&nbsp;</TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
        alt="U.S. National Institutes of Health | www.cancer.gov"
          src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
      <TABLE summary="This table is used to format page content" class=subhdrBG
        cellSpacing=0 cellPadding=0 width="100%" border=0>
          <TBODY>
            <TR>
              <TD align=left height=50><a href="/camod/login.do"
                class="footerMenuLink"><IMG
                  height=46 alt="Application Logo" hspace=10
                    src="/camod/images/mmhcclogo.gif" border=0></a>
              </TD></TR>
            </TBODY>
          </TABLE>
        </TD></TR>
      <!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->

```

```
<a href="#main_content"></a>
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
<TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>
<TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
href="login.jsp"><IMG
height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD>...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:
598

[3 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE> (Parameter: aModelID)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=27709]

The following may require user attention:

```
GET /camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE?
method=returnSavedUserQueries&aModelID=150106710 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=3A3A111005CF52CF7B91ABBBFA320DCE
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do?
method=returnSavedUserQueries&aModelID=150106710
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:46:56 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table  
is used to format page content" border=0> <!-- This table is closed at the end of the  
footer.jsp -->
```

```
<TBODY>  
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A  
href="http://www.cancer.gov/"><IMG height=37  
alt="National Cancer Institute" src="/camod/images/logotype.gif"  
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>  
<A href="http://www.cancer.gov/"><IMG height=37  
alt="U.S. National Institutes of Health | www.cancer.gov"  
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to  
format page content" border=0> <!-- This table is ended at the end of the Application footer  
of the footer.jsp -->
```

```

        <TBODY>
        <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
        <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
        <TBODY>
        <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
        height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
        </TBODY>
        </TABLE>
        </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
        <a href="#main_content"></a>
        <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
        <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
        <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
        href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
        <TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"

```

```

onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD>...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity: Low
 Test Type: Application
 Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B> (Parameter: __patternParameter__JSESSIONID____0)
 CVE ID(s): N/A
 CWE ID(s): 598
 Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16764]

The following may require user attention:

GET /camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B?
method=delete&aModelID=150107249 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=4B1122012B8878784C3EEC309194E68B
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=returnUserModels&aModelID=150107249

HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:45:16 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>
<HEAD>
 <TITLE>caMOD - Cancer Models Database</TITLE>
 <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
 <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
 <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
 <META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD colSpan=2 height=50>
```

```
<!-- application hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TBODY>
```

```
<TR>
```

```
<TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
```

```
</TD></TR>
```

```
</TBODY>
```

```
</TABLE>
```

```
</TD></TR>
```

```
<!-- application hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B> (Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16605]

The following may require user attention:

```
GET /camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B?
method=delete&aModelID=150107249 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=4B1122012B8878784C3EEC309194E68B
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=returnUserModels&aModelID=150107249
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:45:16 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
```

```
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```

<TR><TD valign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG

```

```

height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[3 of 3] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B> (Parameter: aModelID)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16706]

The following may require user attention:

```
GET /camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B?
method=delete&aModelID=150107249 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=4B1122012B8878784C3EEC309194E68B
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=returnUserModels&aModelID=150107249
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:45:16 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

</TD></TR>

```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">  
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
```

```
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table  
  is used to format page content" border=0>
```

```
    <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>  
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub  
  menu --><A  
    href="login.jsp"><IMG  
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1  
    border=0></A> </TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A>

Total of 2 security issues in this URL

[1 of 2] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A> (Parameter: __patternParameter__JSESSIONID__0)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=12366]

The following may require user attention:

```
GET /camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A?
method=returnUserModels HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=BB812C07FCD096CCBEF8C9C43095229A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?
method=returnUserModels
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:44:49 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
```

Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```

        <A href="http://www.cancer.gov/"><IMG height=37
        alt="U.S. National Institutes of Health | www.cancer.gov"
        src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
</TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
    <TBODY>
        <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
        <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
            <TBODY>
                <TR>
                    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
                    height=46 alt="Application Logo" hspace=10
                    src="/camod/images/mmhcclogo.gif" border=0></a>
                </TD></TR>
            </TBODY>
        </TABLE>
    </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
        <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTi...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 2] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A> (Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=12313]

The following may require user attention:

```
GET /camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A?
method=returnUserModels HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=BB812C07FCD096CCBEF8C9C43095229A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?
method=returnUserModels
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:44:49 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
  <TD align=left width=283 height=37><A
  href="http://www.cancer.gov/"><IMG height=37
  alt="National Cancer Institute" src="/camod/images/logotype.gif"
  width=283 border=0></A>
  </TD>
  <TD>&nbsp;</TD>
  <TD align=right width=295 height=37>
  <A href="http://www.cancer.gov/"><IMG height=37
  alt="U.S. National Institutes of Health | www.cancer.gov"
  src="/camod/images/tagline.gif" width=295 border=0></A>
  </TD>
  </TR>
  </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

```

```

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
  </TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>

```

```

<!-- Place Code here to determine the sub-Menu Links -->

```

```

  <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
      href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary

```

```

<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTi...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity: Low
 Test Type: Application
 Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28> (Parameter: __patternParameter__JSESSIONID____0)
 CVE ID(s): N/A
 CWE ID(s): 598
 Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=2814]

The following may require user attention:

```
GET /camod/login.do;jsessionid=D2342FDD741F8504E2A2E51BE6CCE7EB HTTP/1.1
```

Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789; JSESSIONID=69CB1E0152BE4BD12C6C06D40228D9DA
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/login.do

HTTP/1.0 200 OK
Set-Cookie: JSESSIONID=414475C4F28AA0579521B4F0B56042CA; path=/camod; secure
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:06 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>

<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>

<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>

<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>

<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>

<META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table

```

is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;</TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  <TD class...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Autocomplete HTML Attribute Not Disabled for Password Field

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
CVE ID(s): N/A
CWE ID(s): 522
Remediation Tasks: Correctly set the "autocomplete" attribute to "off"

Variant 1 of 1 [ID=7831]

Request/Response:

```
GET /camod/login.do;jsessionid=0FEDF06702F375EBFAD1FAD923D69C95 HTTP/1.1
Cookie: switchmenu=; JSESSIONID=0FEDF06702F375EBFAD1FAD923D69C95;
validuserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/login.do
```

```
HTTP/1.0 200 OK
Set-Cookie: JSESSIONID=8CE6EAAF1C9309B6EE42E844D03FB3C3; path=/camod; secure
Content-Length: 25840
Date: Tue, 25 Sep 2012 15:05:59 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```

</HEAD>
<BODY>
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table is
used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>
<!-- nci hdr begins -->
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
<TR>
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
</TD>
<TD>&nbsp;</TD>
<TD align=right width=295 height=37>
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
</TD>
</TR>
</TABLE>
<!-- nci hdr ends -->
</TD></TR>
<TR><TD vAlign=top height="100%">
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the
Application footer of the footer.jsp -->
<TBODY>
<TR><TD colspan=2 height=50>
<!-- application hdr begins -->
<TABLE summary="This table is used to format page content"
class=subhdrBG cellSpacing=0 cellPadding=0 width="100%" border=0>
<TBODY>
<TR>
<TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
</TD></TR>
</TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->
</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellspacing=0 cellpadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
<TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub menu
--><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleover'),showCursor()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
<TD class...

```

Validation In Response:

```

• <td class="formFieldLogin"><input type="password" name="password"
maxlength="25" size="20" value="" id="password" /></td>

```

Reasoning:

AppScan has found that a password field does not enforce the disabling of the autocomplete feature.

CWE ID:

522

[3 of 3] HTML Comments Sensitive Information Disclosure

Severity: Informational
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
CVE ID(s): N/A
CWE ID(s): 615
Remediation Tasks: Remove sensitive information from HTML comments

Variant 1 of 1 [ID=7157]

The following may require user attention:

```
GET /camod/login.do;jsessionid=D2342FDD741F8504E2A2E51BE6CCE7EB HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=69CB1E0152BE4BD12C6C06D40228D9DA
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/login.do
```

```
HTTP/1.0 200 OK
Set-Cookie: JSESSIONID=414475C4F28AA0579521B4F0B56042CA; path=/camod;
secure
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:06 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table  
is used to format page content" border=0> <!-- This table is closed at the end of the  
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A  
href="http://www.cancer.gov/"><IMG height=37  
alt="National Cancer Institute" src="/camod/images/logotype.gif"  
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>  
<A href="http://www.cancer.gov/"><IMG height=37  
alt="U.S. National Institutes of Health | www.cancer.gov"  
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to  
format page content" border=0> <!-- This table is ended at the end of the Application footer  
of the footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD colSpan=2 height=50>
```

```
<!-- application hdr begins -->
```

```

        <TABLE summary="This table is used to format page content" class=subhdrBG
        cellSpacing=0 cellPadding=0 width="100%" border=0>
        <TBODY>
        <TR>
        <TD align=left height=50><a href="/camod/login.do"
        class="footerMenuLink"><IMG
        height=46 alt="Application Logo" hspace=10
        src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
        </TBODY>
        </TABLE>
        </TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->

```

```

    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
    is used to format page content" border=0>
    <TBODY>

```

```

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
    menu --><A
        href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
        border=0></A> </TD></TR>
<TR>
    <TD class=subMenuSecondaryTitle
        onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
    ()"
        onclick="document.location.href='#"
        onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
        height=20><A class=subMenuSecondary
        href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>

```

```

<TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
<TD class...

```

Validation In Response:

- onClick="myRef = **window.open**
- ('../webHelp/camOD_Online_Help/index.html','mywin',
- onClick="myRef = window.open
- ('../webHelp/camOD_Online_Help/**index.html**','mywin',
-

Reasoning:

AppScan discovered HTML comments containing what appears to be sensitive information.

CWE ID:

615

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7 (Parameter: __patternParameter__JSESSIONID__0)
CVE ID(s):	N/A
CWE ID(s):	598
Remediation Tasks:	Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16372]

The following may require user attention:

```
GET /camod/login.do;jsessionid=57ACD0A1B522BC2C08FE7ABA9DEE38C2?
method=delete&aModelID=150107169 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=D76B2A7A8A9693F47C27F91BF03D1FE7
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=delete&aModelID=150107169
```

```
HTTP/1.0 200 OK
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

</TD></TR>

```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">  
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
```

```
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table  
is used to format page content" border=0>
```

```
    <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>  
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub  
menu --><A  
    href="login.jsp"><IMG  
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1  
    border=0></A> </TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
()"&br/>    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"&br/>    height=20><A class=subMenuSecondary  
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
()"&br/>    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"&br/>    height=20><A class=subMenuSecondary  
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
()"&br/>    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"&br/>    height=20><A class=subMenuSecondary
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7> (Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16213]

The following may require user attention:

```
GET /camod/login.do;jsessionid=57ACD0A1B522BC2C08FE7ABA9DEE38C2?
method=delete&aModelID=150107169 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=D76B2A7A8A9693F47C27F91BF03D1FE7
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=delete&aModelID=150107169
```

```
HTTP/1.0 200 OK
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```

    </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
    <TBODY>
        <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
        <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
            <TBODY>
                <TR>
                    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
                        height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
                    </TD></TR>
                </TBODY>
            </TABLE>
        </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
        <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#'"
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  ...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[3 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7> (Parameter: aModelID)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=16314]

The following may require user attention:

```
GET /camod/login.do;jsessionid=57ACD0A1B522BC2C08FE7ABA9DEE38C2?
method=delete&aModelID=150107169 HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=D76B2A7A8A9693F47C27F91BF03D1FE7
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?
method=delete&aModelID=150107169
```

```
HTTP/1.0 200 OK
Content-Length: 25840
Date: Fri, 21 Sep 2012 20:45:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
  <TD align=left width=283 height=37><A
  href="http://www.cancer.gov/"><IMG height=37
  alt="National Cancer Institute" src="/camod/images/logotype.gif"
  width=283 border=0></A>
  </TD>
  <TD>&nbsp;</TD>
  <TD align=right width=295 height=37>
  <A href="http://www.cancer.gov/"><IMG height=37
  alt="U.S. National Institutes of Health | www.cancer.gov"
  src="/camod/images/tagline.gif" width=295 border=0></A>
  </TD>
  </TR>
  </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

```

```

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>

```

```

<!-- Place Code here to determine the sub-Menu Links -->

```

```

  <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
      href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary

```

```

<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  ...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C (Parameter: __patternParameter__JSESSIONID__0)
CVE ID(s):	N/A
CWE ID(s):	598
Remediation Tasks:	Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=19101]

The following may require user attention:

GET /camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C?

method=delete&lab=Jackson HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=E79AD24F5C001F3830C93DB65688E13C
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/JacksonLabPopulateAction.do?
method=dropdown&lab=Jackson Laboratory

HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:46:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>

<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>

<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>

<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>

<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>

<META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table

```

is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;</TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#'"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  <TD...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C> (Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=18951]

The following may require user attention:

```
GET /camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C?
method=delete&lab=Jackson HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=E79AD24F5C001F3830C93DB65688E13C
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/JacksonLabPopulateAction.do?
method=dropdown&lab=Jackson Laboratory
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:46:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
```

```
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG

```

```

        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
        border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target="_blank">EMICE WEBSITE</A></TD></TR>
<TR>
  <TD...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[3 of 3] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C> (Parameter: lab)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=19048]

The following may require user attention:

```
GET /camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C?  
method=delete&lab=Jackson HTTP/1.1  
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;  
JSESSIONID=E79AD24F5C001F3830C93DB65688E13C  
Accept: */*  
Accept-Language: en-us  
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR  
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)  
Host: cancermodels-qa.nci.nih.gov  
Referer: http://cancermodels-qa.nci.nih.gov/camod/JacksonLabPopulateAction.do?  
method=dropdown&lab=Jackson Laboratory
```

```
HTTP/1.0 200 OK  
Content-Length: 26352  
Date: Fri, 21 Sep 2012 20:46:18 GMT  
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1  
Pragma: No-cache  
Cache-Control: no-cache,no-store,max-age=0  
Expires: Thu, 01 Jan 1970 00:00:00 GMT  
Content-Type: text/html;charset=UTF-8  
Connection: close
```

```
<HTML>  
<HEAD>  
  <TITLE>caMOD - Cancer Models Database</TITLE>  
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>  
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>  
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>  
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```
</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
<a href="#main_content"></a>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
```

```
<TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>
<TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
```

```
href="login.jsp"><IMG
height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
```

```
<TR>
```

```
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
```

```
()"
```

```
onclick="document.location.href='#"'
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
```

```
<TR>
```

```
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
```

```
()"
```

```
onclick="document.location.href='#"'
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
```

```
<TR>
```

```
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
```

```
()"
```

```
onclick="document.location.href='#"'
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063>

Total of 3 security issues in this URL

[1 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063> (Parameter: __patternParameter__JSESSIONID____0)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=51231]

The following may require user attention:

```
GET /camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063?
method=returnUserModels&aModelID=150107289 HTTP/1.1
Cookie: ncbi_sid=396E1D4805B183E1_0122SID; switchmenu=; validUserKey=123456789;
JSESSIONID=E8829A8065D84C5CD1E27A7198FEB063
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-
qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=51BE5F39E8F10D857B33F36E46B1C3
5A?method=returnUserModels&aModelID=150107289
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:52:14 GMT
```

X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```

        <TD align=right width=295 height=37>
            <A href="http://www.cancer.gov/"><IMG height=37
                alt="U.S. National Institutes of Health | www.cancer.gov"
                src="/camod/images/tagline.gif" width=295 border=0></A>
        </TD>
    </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
    <TBODY>
        <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
        <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
            <TBODY>
                <TR>
                    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
                        height=46 alt="Application Logo" hspace=10
                        src="/camod/images/mmhcclogo.gif" border=0></a>
                    </TD></TR>
                </TBODY>
            </TABLE>
        </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
        <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target=...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 3] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063> (Parameter: method)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=51072]

The following may require user attention:

```
GET /camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063?
method=returnUserModels&aModelID=150107289 HTTP/1.1
Cookie: ncbi_sid=396E1D4805B183E1_0122SID; switchmenu=; validUserKey=123456789;
JSESSIONID=E8829A8065D84C5CD1E27A7198FEB063
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-
qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=51BE5F39E8F10D857B33F36E46B1C3
5A?method=returnUserModels&aModelID=150107289
```

```
HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:52:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table  
is used to format page content" border=0> <!-- This table is closed at the end of the  
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A  
href="http://www.cancer.gov/"><IMG height=37  
alt="National Cancer Institute" src="/camod/images/logotype.gif"  
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>  
<A href="http://www.cancer.gov/"><IMG height=37  
alt="U.S. National Institutes of Health | www.cancer.gov"  
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to  
format page content" border=0> <!-- This table is ended at the end of the Application footer  
of the footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD colspan=2 height=50>
```

```

<!-- application hdr begins -->
    <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
    <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
    height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
    </TBODY>
    </TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

```

```

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

```

```

<!-- Place Code here to determine the sub-Menu Links -->

```

```

    <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
    <TR>
    <TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"

```

```

        href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://emice.nci.nih.gov" target=...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[3 of 3] Query Parameter in SSL Request

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063 (Parameter: aModelID)
CVE ID(s):	N/A
CWE ID(s):	598
Remediation Tasks:	Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=51173]

The following may require user attention:

```

GET /camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063?
method=returnUserModels&aModelID=150107289 HTTP/1.1
Cookie: ncbi_sid=396E1D4805B183E1_0122SID; switchmenu=; validUserKey=123456789;
JSESSIONID=E8829A8065D84C5CD1E27A7198FEB063
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR

```

1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-
qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=51BE5F39E8F10D857B33F36E46B1C3
5A?method=returnUserModels&aModelID=150107289

HTTP/1.0 200 OK
Content-Length: 26352
Date: Fri, 21 Sep 2012 20:52:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>
```

```

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
  cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TR>
      <TD align=left width=283 height=37><A
        href="http://www.cancer.gov/"><IMG height=37
        alt="National Cancer Institute" src="/camod/images/logotype.gif"
        width=283 border=0></A>
      </TD>
      <TD>&nbsp;</TD>
      <TD align=right width=295 height=37>
        <A href="http://www.cancer.gov/"><IMG height=37
        alt="U.S. National Institutes of Health | www.cancer.gov"
        src="/camod/images/tagline.gif" width=295 border=0></A>
      </TD>
    </TR>
  </TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
  cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
        height=46 alt="Application Logo" hspace=10
        src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

```

```

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

```

```

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
  href="login.jsp"><IMG
  height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
  border=0></A> </TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
  <TD class=subMenuSecondaryTitle
  onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
  onclick="document.location.href='#"'
  onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
  height=20><A class=subMenuSecondary
  href="http://emice.nci.nih.gov" target...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:
598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A>

Total of 12 security issues in this URL

[1 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: piUsername)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35498]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
```

```
<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A

```

```

href="login.jsp"><IMG
height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[2 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: __patternParameter__JSESSIONID__0)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35648]

The following may require user attention:

GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do

HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>
<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

```

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;</TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

</TD></TR>

```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">  
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
```

```
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table  
  is used to format page content" border=0>
```

```
    <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>  
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub  
  menu --><A  
    href="login.jsp"><IMG  
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1  
    border=0></A> </TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    ...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[3 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: email)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35088]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
```

```
<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A

```

```

href="login.jsp"><IMG
height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[4 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: lastName)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=34885]

The following may require user attention:

GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do

HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>
<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

```

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

</TD></TR>

```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">  
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
```

```
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table  
  is used to format page content" border=0>
```

```
    <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
  <TR>  
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub  
  menu --><A  
      href="login.jsp"><IMG  
      height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1  
      border=0></A> </TD></TR>  
  <TR>  
    <TD class=subMenuSecondaryTitle  
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
      onclick="document.location.href='#"  
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
      height=20><A class=subMenuSecondary  
      href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>  
  <TR>  
    <TD class=subMenuSecondaryTitle  
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
      onclick="document.location.href='#"  
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
      height=20><A class=subMenuSecondary  
      href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>  
  <TR>  
    <TD class=subMenuSecondaryTitle  
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
      onclick="document.location.href='#"  
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
      ...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[5 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: principalInvestigator)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35595]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
```

```
<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A

```

```

href="login.jsp"><IMG
height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[6 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: affiliation)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35193]

The following may require user attention:

GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do

HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close

<HTML>
<HEAD>

<TITLE>caMOD - Cancer Models Database</TITLE>
<LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
<SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
<SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
<META content="MSHTML 6.00.2800.1491" name=GENERATOR>

</HEAD>

<BODY>

```

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

</TD></TR>

```

```
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">  
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
```

```
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
```

```
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table  
  is used to format page content" border=0>
```

```
    <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
<TR>  
  <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub  
  menu --><A  
    href="login.jsp"><IMG  
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1  
    border=0></A> </TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    height=20><A class=subMenuSecondary  
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>  
<TR>  
  <TD class=subMenuSecondaryTitle  
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor  
  ()"  
    onclick="document.location.href='#"  
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"  
    ...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[7 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: piFirstName)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=36010]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
piLastName=1234&lastName=1234&phone=555-555-
5555&piFirstName=1234&piEmail=ncicbiitsecurityteam%
40mail.nih.gov&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=liangd&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```

<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>

```

```

    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmou...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[8 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: org.apache.struts.taglib.html.CANCEL)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35401]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table  
is used to format page content" border=0> <!-- This table is closed at the end of the  
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
```

```
href="http://www.cancer.gov/"><IMG height=37
```

```
alt="National Cancer Institute" src="/camod/images/logotype.gif"
```

```
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp; </TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
```

```
alt="U.S. National Institutes of Health | www.cancer.gov"
```

```
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```
<!-- nci hdr ends -->
```

```
</TD></TR>
```

```
<TR><TD vAlign=top height="100%">
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to  
format page content" border=0> <!-- This table is ended at the end of the Application footer  
of the footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD colSpan=2 height=50>
```

```
<!-- application hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=subhdrBG  
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TBODY>
```

```
<TR>
```

```
<TD align=left height=50><a href="/camod/login.do"  
class="footerMenuLink"><IMG
```

```
height=46 alt="Application Logo" hspace=10
```

```
src="/camod/images/mmhcclogo.gif" border=0></a>
```

```
</TD></TR>
```

```
</TBODY>
```

```
</TABLE>
```

```
</TD></TR>
```

```
<!-- application hdr ends -->
```

```
</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
  <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
      href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
        border=0></A> </TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary
      href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary
      href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      ...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[9 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: piEmail)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=36112]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
piLastName=1234&lastName=1234&phone=555-555-
5555&piFirstName=1234&piEmail=ncicbiitsecurityteam%
40mail.nih.gov&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=liangd&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```

<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>

```

```

    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmou...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[10 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: firstName)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35299]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp; </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```
</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->
```

```
<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>
```

```
<!-- standard submenu begins -->
<!-- sidebar.jsp -->
```

```
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
  <TBODY>
```

```
<!-- Place Code here to determine the sub-Menu Links -->
```

```
  <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
      href="login.jsp"><IMG
        height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
        border=0></A> </TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary
      href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      height=20><A class=subMenuSecondary
      href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
  <TR>
    <TD class=subMenuSecondaryTitle
      onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
      onclick="document.location.href='#"'
      onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
      ...
```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[11 of 12] Query Parameter in SSL Request

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: piLastName)
CVE ID(s): N/A
CWE ID(s): 598
Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=35697]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
piLastName=1234&lastName=1234&phone=555-555-
5555&piFirstName=1234&piEmail=ncicbiitsecurityteam%
40mail.nih.gov&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=liangd&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```
<BODY>
```

```
<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
```

```
<TBODY>
```

```
<TR><TD>
```

```
<!-- nci hdr begins -->
```

```
<TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
```

```
<TR>
```

```
<TD align=left width=283 height=37><A
href="http://www.cancer.gov/"><IMG height=37
alt="National Cancer Institute" src="/camod/images/logotype.gif"
width=283 border=0></A>
```

```
</TD>
```

```
<TD>&nbsp;</TD>
```

```
<TD align=right width=295 height=37>
```

```
<A href="http://www.cancer.gov/"><IMG height=37
alt="U.S. National Institutes of Health | www.cancer.gov"
src="/camod/images/tagline.gif" width=295 border=0></A>
```

```
</TD>
```

```
</TR>
```

```
</TABLE>
```

```

<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
    <TR><TD colSpan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
    <TBODY>
      <TR>
        <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
          height=46 alt="Application Logo" hspace=10
src="/camod/images/mmhcclogo.gif" border=0></a>
        </TD></TR>
      </TBODY>
    </TABLE>
  </TD></TR>
<!-- application hdr ends -->

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
  <a href="#main_content"></a>
  <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

<TR>

```

```

    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
height=20><A class=subMenuSecondary
href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
<TR>
<TD class=subMenuSecondaryTitle
onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
onclick="document.location.href='#'"
onmou...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

[12 of 12] Query Parameter in SSL Request

Severity: Low

Test Type: Application

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A> (Parameter: phone)

CVE ID(s): N/A

CWE ID(s): 598

Remediation Tasks: Always use SSL and POST (body) parameters when sending sensitive information.

Variant 1 of 1 [ID=34987]

The following may require user attention:

```
GET /camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A?
lastName=1234&phone=555-555-5555&email=ncicbiitsecurityteam%
40mail.nih.gov&affiliation=1234&firstName=1234&org.apache.struts.taglib.html.CANCEL=C
ancel&piUsername=vandersandenj&principalInvestigator=on HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID; validUserKey=123456789;
JSESSIONID=EF85CD5E6ECCD1FE7803E058461B2E9A
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Referer: http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do
```

```
HTTP/1.0 200 OK
Content-Length: 21783
Date: Fri, 21 Sep 2012 20:49:05 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Pragma: No-cache
Cache-Control: no-cache,no-store,max-age=0
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: text/html;charset=UTF-8
Connection: close
```

```
<HTML>
<HEAD>
  <TITLE>caMOD - Cancer Models Database</TITLE>
  <LINK href="/camod/styles/styleSheet.css" type=text/css rel=stylesheet>
  <SCRIPT src="/camod/scripts/script.js" type=text/javascript></SCRIPT>
  <SCRIPT src="/camod/scripts/TipCode.js" type=text/javascript></SCRIPT>
  <META content="MSHTML 6.00.2800.1491" name=GENERATOR>
```

```
</HEAD>
```

```

<BODY>

<TABLE height="100%" cellSpacing=0 cellPadding=0 width="100%" summary="This table
is used to format page content" border=0> <!-- This table is closed at the end of the
footer.jsp -->
<TBODY>
<TR><TD>

<!-- nci hdr begins -->
  <TABLE summary="This table is used to format page content" class=hdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TR>
    <TD align=left width=283 height=37><A
      href="http://www.cancer.gov/"><IMG height=37
      alt="National Cancer Institute" src="/camod/images/logotype.gif"
      width=283 border=0></A>
    </TD>
    <TD>&nbsp;   </TD>
    <TD align=right width=295 height=37>
      <A href="http://www.cancer.gov/"><IMG height=37
      alt="U.S. National Institutes of Health | www.cancer.gov"
      src="/camod/images/tagline.gif" width=295 border=0></A>
    </TD>
  </TR>
</TABLE>
<!-- nci hdr ends -->

</TD></TR>

<TR><TD vAlign=top height="100%">

<TABLE height="100%" cellSpacing=0 cellPadding=0 summary="This table is used to
format page content" border=0> <!-- This table is ended at the end of the Application footer
of the footer.jsp -->
  <TBODY>
  <TR><TD colspan=2 height=50>

<!-- application hdr begins -->
  <TABLE summary="This table is used to format page content" class=subhdrBG
cellSpacing=0 cellPadding=0 width="100%" border=0>
  <TBODY>
  <TR>
    <TD align=left height=50><a href="/camod/login.do"
class="footerMenuLink"><IMG
      height=46 alt="Application Logo" hspace=10
      src="/camod/images/mmhcclogo.gif" border=0></a>
    </TD></TR>
  </TBODY>
</TABLE>
</TD></TR>
<!-- application hdr ends -->

```

```

</TD></TR>
<TR><TD> <!-- This cell is closed at the end of the footer.jsp -->

<TR><TD height="100%" class=subMenu valign=top width="210">
<script language="JavaScript" src="scripts/global.js"></script>

<!-- standard submenu begins -->
<!-- sidebar.jsp -->
    <a href="#main_content"></a>
    <TABLE height="100%" cellSpacing=0 cellPadding=0 width="210" summary="This table
is used to format page content" border=0>
    <TBODY>

<!-- Place Code here to determine the sub-Menu Links -->

    <TR>
    <TD class=subMenuPrimaryTitle height=22>QUICK LINKS <!-- anchor to skip sub
menu --><A
    href="login.jsp"><IMG
    height=1 alt="Skip Menu" src="submit_files/shim.gif" width=1
    border=0></A> </TD></TR>
    <TR>
    <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://www.cancer.gov" target="_blank">NCI HOME</A></TD></TR>
    <TR>
    <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    height=20><A class=subMenuSecondary
    href="http://ncicb.nci.nih.gov" target="_blank">NCICB HOME</A></TD></TR>
    <TR>
    <TD class=subMenuSecondaryTitle
    onmouseover="changeMenuStyle(this,'subMenuSecondaryTitleOver'),showCursor
()"
    onclick="document.location.href='#"'
    onmouseout="changeMenuStyle(this,'subMenuSecondaryTitle'),hideCursor()"
    ...

```

Validation In Response:

N/A

Reasoning:

AppScan found parameters in the query part of the HTTP request, which was sent over SSL.

CWE ID:

598

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js>

Total of 2 security issues in this URL

[1 of 2] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js>
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=2027]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/scripts/TipCode.js HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID;
JSESSIONID=549626B2B4DCFE26533FCEF3D1269B9C
Accept: */*
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Connection: Keep-Alive
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 9475
Date: Tue, 25 Sep 2012 14:56:49 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"9475-1347465206000"
Last-Modified: Wed, 12 Sep 2012 15:53:26 GMT
Content-Type: text/javascript
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
```

```
<!--
/*
DHTML tip message version 1.2 copyright Essam Gamal 2003
(http://migoicons.tripod.com, migoicons@hotmail.com)
All modifications are done in the style.js. Created on : 06/03/2003
Script featured on SimplytheBest Scripts at http://simplythebest.net/scripts/)
```

```

*/
var ua = navigator.userAgent
var ps = navigator.productSub
var dom = (document.getElementById)? 1:0
var ie4 = (document.all&&!dom)? 1:0
var ie5 = (document.all&&dom)? 1:0
var nn4 =(navigator.appName.toLowerCase() == "netscape" && parseInt
(navigator.appVersion) == 4)
var nn6 = (dom&&!ie5)? 1:0
var sNav = (nn4||nn6||ie4||ie5)? 1:0
var cssFilters = ((ua.indexOf("MSIE 5.5")>=0||ua.indexOf("MSIE 6")>=0)&&ua.indexOf
("Opera")<0)? 1:0
var Style=[],Text=
[],Count=0,sbw=0,move=0,hs="",mx,my,scl,sct,ww,wh,obj,s1,st,ih,iw,vl,h1,sv,evlh,evlw
,tbody
var HideTip = "eval(obj+sv+h1+';'+obj+s1+'=0;'+obj+st+'=-800')"
var doc_root = ((ie5&&ua.indexOf("Opera")<0||ie4)
&&document.compatMode=="CSS1Compat"? "document.documentElement":"document.body")
var PX = (nn6)? "px" :""
var FiltersEnabled = ""

if(sNav) {
    window.onresize = ReloadTip
    document.onmousemove = MoveTip
    if(nn4) document.captureEvents(Event.MOUSEMOVE)
}
if(nn4||nn6) {
    mx = "e.pageX"
    my = "e.pageY"
    scl = "window.pageXOffset"
    sct = "window.pageYOffset"
    if(nn4) {
        obj = "document.TipLayer."
        s1 = "left"
        st = "top"
        ih = "clip.height"
        iw = "clip.width"
        vl = "'show'"
        h1 = "'hide'"
        sv = "visibility="
    }
    else obj = "document.getElementById('TipLayer')."
}
if(ie4||ie5) {
    obj = "TipLayer."
    mx = "event.x"
    my = "event.y"
    scl = "eval(doc_root).scrollLeft"
    sct = "eval(doc_root).scrollTop"
    if(ie5) {
        mx = mx+" "+scl
        my = my+" "+sct
    }
}
if(ie4||dom){
    s1 = "style.left"
    st = "style.top"
    ih = "offsetHeight"
    iw = "offsetWidth"
    vl = "'visible'"
    h1 = "'hidden'"
    sv = "style.visibility="
}
if(ie4||ie5||ps>=20020823) {
    ww = "eval(doc_root).clientWidth"
    wh = "eval(doc_root).clientHeight"
}
else {
    ww = "window.innerWidth"
    wh = "window.innerHeight"
    evlh = eval(wh)
}

```

```

    evlw = eval(ww)
    sbw=15
}

function applyCssFilter(){
    if(cssFilters&&FiltersEnabled) {
        var dx = " progid:DXImageTransform.Microsoft."
        TipLayer.style.filter = "revealTrans()" + dx + "Fade(Overlap=1.00
enabled=0)" + dx + "Inset(enabled=0)" + dx + "Iris(irisstyle=PLUS,motion=in
enabled=0)" + dx + "Iris(irisstyle=PLUS,motion=out enabled=0)" + dx + "Iris
(irisstyle=DIAMOND,motion=in enabled=0)" + dx + "Iris(irisstyle=DIAMOND,motion=out
enabled=0)" + dx + "Iris(irisstyle=CROSS,motion=in enabled=0)" + dx + "Iris
(irisstyle=CROSS,motion=out enabled=0)" + dx + "Iris(irisstyle=STAR,motion=in
enabled=0)" + dx + "Iris(irisstyle=STAR,motion=out enabled=0)" + dx + "RadialWipe
(wipestyle=CLOCK enabled=0)" + dx + "RadialWipe(wipestyle=WEDGE
enabled=0)" + dx + "RadialWipe(wipestyle=RADIAL enabled=0)" + dx + "Pixelate
(MaxSquare=35,enabled=0)" + dx + "Slide(slidestyle=HIDE,Bands=25 enabled=0)" + dx + "Slide
(slidestyle=PUSH,Bands=25 enabled=0)" + dx + "Slide(slidestyle=SWAP,Bands=25
enabled=0)" + dx + "Spiral(GridSizeX=16,GridSizeY=16 enabled=0)" + dx + "Stretch
(stretchstyle=HIDE enabled=0)" + dx + "Stretch(stretchstyle=PUSH enabled=0)" + dx + "Stretch
(stretchstyle=SPIN enabled=0)" + dx + "wheel(spokes=16 enabled=0)" + dx + "Gradientwipe
(GradientSize=1.00,wipestyle=0,motion=forward enabled=0)" + dx + "Gradientwipe
(GradientSize=1.00,wipestyle=0,motion=reverse enabled=0)" + dx + "Gradientwipe
(GradientSize=1.00,wipestyle=1,motion=forward enabled=0)" + dx + "Gradientwipe
(GradientSize=1.00,wipestyle=1,motion=reverse enabled=0)" + dx + "Zigzag
(GridSizeX=8,GridSizeY=8 enabled=0)" + dx + "Alpha(enabled=0)" + dx + "Dropshadow
(OffX=3,OffY=3,Positive=true,enabled=0)" + dx + "Shadow
(strength=3,direction=135,enabled=0)"
    }
}

function stm(t,s) {
    if(sNav) {
        if(t.length<2||s.length<25) {
            var ErrorNotice = "DHTML TIP MESSAGE VERSION 1.2 ERROR NOTICE.\n"
            if(t.length<2&&s.length<25) alert(ErrorNotice+"It looks like you removed an
entry or more from the Style Array and Text Array of this tip.\nTheir should be 25
entries in every Style Array even though empty and 2 in every Text Array. You
defined only "+s.length+" entries in the Style Array and "+t.length+" entry in the
Text Array. This tip won't be viewed to avoid errors")
            else if(t.length<2) alert(E...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

[2 of 2] Email Address Pattern Found

Severity:	Informational
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js
CVE ID(s):	N/A
CWE ID(s):	359
Remediation Tasks:	Remove e-mail addresses from the website

Variant 1 of 2 [ID=7832]

Request/Response:

```
GET /camod/scripts/TipCode.js HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID;
JSESSIONID=0FEDF06702F375EBFAD1FAD923D69C95
Accept: */*
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
Connection: Keep-Alive
```

```
HTTP/1.0 200 OK
Content-Length: 9475
Date: Tue, 25 Sep 2012 15:06:00 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"9475-1347465206000"
Last-Modified: wed, 12 Sep 2012 15:53:26 GMT
Content-Type: text/javascript
Connection: close
```

```
<!--
/*
  DHTML tip message version 1.2 copyright Essam Gamal 2003
  (http://migoicons.tripod.com, migoicons@hotmail.com)
  All modifications are done in the style.js. Created on : 06/03/2003
  Script featured on SimplytheBest Scripts at http://simplythebest.net/scripts/)
*/

var ua = navigator.userAgent
var ps = navigator.productSub
var dom = (document.getElementById)? 1:0
var ie4 = (document.all&&!dom)? 1:0
var ie5 = (document.all&&dom)? 1:0
var nn4 =(navigator.appName.toLowerCase() == "netscape" && parseInt
(navigator.appVersion) == 4)
var nn6 = (dom&&ie5)? 1:0
var sNav = (nn4||nn6||ie4||ie5)? 1:0
var cssFilters = ((ua.indexOf("MSIE 5.5")>=0||ua.indexOf("MSIE 6")>=0)&&ua.indexOf
("Opera")<0)? 1:0
var Style=[],Text=
[],Count=0,sbw=0,move=0,hs="",mx,my,scl,sct,ww,wh,obj,s1,st,ih,iw,v1,h1,sv,evlh,evlw
,tbody
var HideTip = "eval(obj+sv+h1+';'+obj+s1+'=0;'+obj+st+'=-800')"
var doc_root = ((ie5&&ua.indexOf("opera")<0||ie4)
&&document.compatMode=="CSS1Compat"? "document.documentElement":"document.body")
var PX = (nn6)? "px" :""
var FiltersEnabled = ""

if(sNav) {
  window.onresize = ReloadTip
  document.onmousemove = MoveTip
  if(nn4) document.captureEvents(Event.MOUSEMOVE)
}
if(nn4||nn6) {
  mx = "e.pageX"
  my = "e.pageY"
  scl = "window.pageXOffset"
  sct = "window.pageYOffset"
  if(nn4) {
    obj = "document.TipLayer."
    s1 = "left"
    st = "top"
    ih = "clip.height"
    iw = "clip.width"
    v1 = "'show'"
    h1 = "'hide'"
    sv = "visibility="
```

```

    }
    else obj = "document.getElementById('TipLayer')."
}
if(ie4||ie5) {
    obj = "TipLayer."
    mx = "event.x"
    my = "event.y"
    scl = "eval(doc_root).scrollLeft"
    sct = "eval(doc_root).scrollTop"
    if(ie5) {
        mx = mx+" "+scl
        my = my+" "+sct
    }
}
if(ie4||dom){
    sl = "style.left"
    st = "style.top"
    ih = "offsetHeight"
    iw = "offsetWidth"
    vl = "'visible'"
    hl = "'hidden'"
    sv = "style.visibility="
}
if(ie4||ie5||ps>=20020823) {
    ww = "eval(doc_root).clientWidth"
    wh = "eval(doc_root).clientHeight"
}
else {
    ww = "window.innerWidth"
    wh = "window.innerHeight"
    evlh = eval(wh)
    evlw = eval(ww)
    sbw=15
}

function applyCssFilter(){
    if(cssFilters&&FiltersEnabled) {
        var dx = " progid:DXImageTransform.Microsoft."
        TipLayer.style.filter = "revealTrans()" + dx + "Fade(Overlap=1.00
enabled=0)" + dx + "Inset(enabled=0)" + dx + "Iris(irisstyle=PLUS,motion=in
enabled=0)" + dx + "Iris(irisstyle=PLUS,motion=out enabled=0)" + dx + "Iris
(irisstyle=DIAMOND,motion=in enabled=0)" + dx + "Iris(irisstyle=DIAMOND,motion=out
enabled=0)" + dx + "Iris(irisstyle=CROSS,motion=in enabled=0)" + dx + "Iris
(irisstyle=CROSS,motion=out enabled=0)" + dx + "Iris(irisstyle=STAR,motion=in
enabled=0)" + dx + "Iris(irisstyle=STAR,motion=out enabled=0)" + dx + "RadialWipe
(wipestyle=CLOCK enabled=0)" + dx + "RadialWipe(wipestyle=WEDGE
enabled=0)" + dx + "RadialWipe(wipestyle=RADIAL enabled=0)" + dx + "Pixelate
(MaxSquare=35,enabled=0)" + dx + "Slide(slidestyle=HIDE,Bands=25 enabled=0)" + dx + "Slide
(slidestyle=PUSH,Bands=25 enabled=0)" + dx + "Slide(slidestyle=SWAP,Bands=25
enabled=0)" + dx + "Spiral(GridSizeX=16,GridSizeY=16 enabled=0)" + dx + "Stretch
(stretchstyle=HIDE enabled=0)" + dx + "Stretch(stretchstyle=PUSH enabled=0)" + dx + "Stretch
(stretchstyle=SPIN enabled=0)" + dx + "Wheel(spokes=16 enabled=0)" + dx + "GradientWipe
(GradientSize=1.00,wipestyle=0,motion=forward enabled=0)" + dx + "GradientWipe
(GradientSize=1.00,wipestyle=0,motion=reverse enabled=0)" + dx + "GradientWipe
(GradientSize=1.00,wipestyle=1,motion=forward enabled=0)" + dx + "GradientWipe
(GradientSize=1.00,wipestyle=1,motion=reverse enabled=0)" + dx + "Zigzag
(GridSizeX=8,GridSizeY=8 enabled=0)" + dx + "Alpha(enabled=0)" + dx + "Dropshadow
(OffX=3,OffY=3,Positive=true,enabled=0)" + dx + "Shadow
(strength=3,direction=135,enabled=0)"
    }
}

function stm(t,s) {
    if(sNav) {
        if(t.length<2||s.length<25) {
            var ErrorNotice = "DHTML TIP MESSAGE VERSION 1.2 ERROR NOTICE.\n"
            if(t.length<2&&s.length<25) alert(ErrorNotice+"It looks like you removed an
entry or more from the Style Array and Text Array of this tip.\nTheir should be 25
entries in every Style Array even though empty and 2 in every Text Array. You
defined only "+s.length+" entries in the Style Array and "+t.length+" entry in the
Text Array. This tip won't be viewed to avoid errors")
            else if(t.length<2) alert(ErrorNotice+"It looks like you removed...

```

Validation In Response:

```
• <!--  
/*  
DHTML tip message version 1.2 copyright Essam Gamal 2003  
(http://migoicons.tripod.com, migoicons@hotmail.com)  
All modifications are done in the style.js. Created on : 06/03/2003  
Script featured on Simplythe
```

Reasoning:

The response contains an e-mail address that may be private.

CWE ID:

359

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/global.js>

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/global.js>
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=2037]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/scripts/global.js HTTP/1.1  
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID;  
JSESSIONID=549626B2B4DCFE26533FCEF3D1269B9C  
Accept: */*  
Referer: https://cancermodels-  
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28  
Accept-Language: en-us  
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR  
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)  
Connection: Keep-Alive  
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK  
Content-Length: 7730  
Date: Tue, 25 Sep 2012 14:56:49 GMT  
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1  
Accept-Ranges: bytes  
ETag: w/"7730-1347465206000"  
Last-Modified: wed, 12 Sep 2012 15:53:26 GMT  
Content-Type: text/javascript  
Keep-Alive: timeout=5, max=100  
Connection: Keep-Alive
```

```
function toggleField(control, field)
```

```

{
  if( control.checked == false ) {
    disableField(field);
  }
  else {
    enableField(field);
  }
}

function chkOther(vocab, otherVocab) {
  if( vocab.value == 'other' ) {
    enableField(otherVocab);
  }
  else {
    disableField(otherVocab);
  }
}

function chkOtherName() {
  var name = document.forms[0].name;
  var otherName = document.forms[0].otherName;

  chkOther(name, otherName);
}

function chkOtherAdminRoute() {
  var route = document.forms[0].administrativeRoute;
  var otherRoute = document.forms[0].otherAdministrativeRoute;

  chkOther(route, otherRoute);
}

function chkOtherAdminSite() {
  var site = document.forms[0].administrativeSite;
  var otherSite = document.forms[0].otherAdministrativeSite;

  chkOther(site, otherSite);
}

function chkOtherCondRegimen() {
  var regimen = document.forms[0].conditioningRegimen;
  var otherRegimen = document.forms[0].otherConditioningRegimen;

  chkOther(regimen, otherRegimen);
}

function chkOtherSourceType() {
  var site = document.forms[0].sourceType;
  var otherSite = document.forms[0].otherSourceType;

  chkOther(site, otherSite);
}

function chkOtherSource() {
  var source = document.forms[0].source;
  var otherSource = document.forms[0].otherSource;

  chkOther(source, otherSource);
}

function chkOtherMethod() {
  var deliveryMethod = document.forms[0].deliveryMethod;
  var otherDeliveryMethod = document.forms[0].otherDeliveryMethod;
}

```

```

    chkOther(deliveryMethod, otherDeliveryMethod);
}

function chkOtherLigand() {
    var visualLigand = document.forms[0].visualLigand;
    var otherVisualLigand = document.forms[0].otherVisualLigand;

    chkOther(visualLigand, otherVisualLigand);
}

function chkOtherDiagnosis() {
    var tumorClassification = document.forms[0].tumorClassification;
    var otherTumorClassification = document.forms[0].otherTumorClassification;

    chkOther(tumorClassification, otherTumorClassification);
}

function disableFieldUnsizeD(field)
{
    field.value = '';
    field.disabled = true;
    field.className = "formFieldUnsizeDDisabled";
}

function enableFieldUnsizeD(field)
{
    field.disabled = false;
    field.className = "formFieldUnsizeD";
}

function chkOtherUnsizeD(vocab, otherVocab) {
    if( vocab.value == 'other' ) {
        enableFieldUnsizeD(otherVocab);
    }
    else {
        disableFieldUnsizeD(otherVocab);
    }
}

function disableField(field)
{
    field.value = '';
    field.disabled = true;
    field.className = "formFieldSizeDDisabled";
}

function enableField(field)
{
    field.disabled = false;
    field.className = "formFieldSizeD";
}

function select(group)
{
    for (var i=0; i < group.options.length; i++)
    {
        group.options[i].selected = true;
    }
}

function unselect(group)
{
    for (var i=0; i < group.options.length; i++)
    {
        group.options[i].selected = false;
    }
}

```

```

/*****
 * sortItems(obj)
 *
 * Sorts items in a select
 * box.
 *****/
function sortItems(obj)
{
  var temp_opts = new Array();
  var temp = new Object();
  for (var i=0; i<obj.options.length; i++)
    temp_opts[i] = obj.options[i];

  for (var x=0; x<temp_opts.length-1; x++)
  {
    for (var y=(x+1); y<temp_opts.length; y++)
    {
      if(temp_opts[x].text > temp_opts[y].text)
      {
        temp = temp_opts[x].text;
        temp_opts[x].text = temp_opts[y].text;
        temp_opts[y].text = temp;
        temp = temp_opts[x].value;
        temp_opts[x].value = temp_opts[y].value;
        temp_opts[y].value = temp;
      }
    }
  }

  for (var i=0; i<obj.options.length; i++)
  {
    obj.options[i].value = temp_opts[i].value;
    obj.options[i].text = temp_opts[i].text;
  }
} // end function sortItems()

/*****
 * transferItem(source, destination, sort)
 *
 * Transfers items from one select
 * box to a different text box. With
 * an optional sort flag.
 *****/
function transferItem(source, destination, sort)
{
  var i = 0;
  ...
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/script.js>

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: <https://cancermodels-qa.nci.nih.gov/camod/scripts/script.js>
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=2017]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/scripts/script.js HTTP/1.1
Cookie: switchmenu=; ncbi_sid=396E1D4805B183E1_0122SID;
JSESSIONID=549626B2B4DCFE26533FCEF3D1269B9C
Accept: */*
Referer: https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Connection: Keep-Alive
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 3099
Date: Tue, 25 Sep 2012 14:56:48 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"3099-1347465206000"
Last-Modified: wed, 12 Sep 2012 15:53:26 GMT
Content-Type: text/javascript
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
```

```
function changeMenuStyle(obj, new_style) {
    obj.className = new_style;
}

function showCursor(){
    document.body.style.cursor='hand'
}

function hideCursor(){
    document.body.style.cursor='default'
}

function confirmDelete(){
    if (confirm('Are you sure you want to delete?')){
        return true;
    }else{
        return false;
    }
}

function ChangeClass(menu, newClass) {
    if (document.getElementById) {
        document.getElementById(menu).className = newClass;
    }
}
```

```

}

var remote = null;
function rs(n,u,w,h) {
    remote = window.open(u, n, 'width=' + w + ',height=' + h
+ ',resizable=yes,scrollbars=yes');
    if (remote != null) {
        if (remote.opener == null)
            remote.opener = self;
        window.name = 'placeComment';
        remote.location.href = u;}
    remote.focus();
}

var persistmenu="yes" //"yes" or "no". Make sure each SPAN content contains an
incrementing ID starting at 1 (id="sub1", id="sub2", etc)
var persisttype="sitewide" //enter "sitewide" for menu to persist across site,
"local" for this page only

if (document.getElementById){ //DynamicDrive.com change
    document.write('<style type="text/css">\n')
    document.write('.submasterdiv{display: none;}\n')
    document.write('</style>\n')
}

function SwitchMenu(obj){
    if(document.getElementById){
        var e1 = document.getElementById(obj);
        var ar = document.getElementById("masterdiv").getElementsByTagName
("span"); //DynamicDrive.com change
        //Doesn't check and close other open spans

        for (var i = 0; i < ar.length; i++){
            if (ar[i].style.display=="block") //DynamicDrive.com change
                ar[i].style.display = "none";
        }

        if(e1.style.display != "block"){ //DynamicDrive.com change
            e1.style.display = "block";
        }else{
            e1.style.display = "block";
        }
    }
}

function get_cookie(Name) {
    var search = Name + "="
    var returnvalue = "";
    if (document.cookie.length > 0) {
        offset = document.cookie.indexOf(search)
        if (offset != -1) {
            offset += search.length
            end = document.cookie.indexOf(";", offset);
            if (end == -1) end = document.cookie.length;
            returnvalue=unescape(document.cookie.substring(offset, end))
        }
    }
    return returnvalue;
}

function onloadfunction(){
    if (persistmenu=="yes"){
        var cookiename=(persisttype=="sitewide")? "switchmenu" :
window.location.pathname
        var cookievalue=get_cookie(cookiename)
        if (cookievalue!="")
            document.getElementById(cookievalue).style.display="block"
    }
}

function savemenustate(){
    var inc=1, blockid=""
}

```

```

        if (document.getElementById("sub"+inc).style.display=="block"){
            blockid="sub"+inc
            break
        }
        inc++
    }
    var cookiename=(persisttype=="sitewide"? "switchmenu" :
window.location.pathname
var cookievalue=(persisttype=="sitewide"? blockid+";path=/" : blockid
document.cookie=cookiename+"="+cookievalue
}

if (window.addEventListener)
    window.addEventListener("load", onloadfunction, false)
else if (window.attachEvent)
    window.attachEvent("onload", onloadfunction)
else if (document.getElementById)
    window.onload=onloadfunction

if (persistmenu=="yes" && document.getElementById)
    window.onunload=savemenustate

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=29316]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```

GET /camod/webHelp/caMOD_Online_Help/index.html HTTP/1.1
Cookie: switchmenu=; JSESSIONID=7D0D295415BF2BB3CE4D4B2897D299FC;
validuserKey=123456789; ncbi_sid=396E1d4805B183E1_0122SID

```

Accept: /*/*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Host: cancermodels-qa.nci.nih.gov

HTTP/1.1 200 OK
Content-Length: 1071
Date: Tue, 25 Sep 2012 18:33:15 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"1071-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/html

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-html40/strict.dtd">
<html>
<!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->

<head>
<meta http-equiv="content-type" content="text/html">
<meta http-equiv="charset" content="UTF-8">
<!-- MOTW-DISABLED saved from url=(0014)about:internet -->

<script type="text/javascript" language="JavaScript1.2"
src="wwhelp/wwhimpl/common/private/title.js"></script>

<script type="text/javascript" language="JavaScript1.2">
<!--
function WWHHelpFrame_LaunchHelp()
{
    var Parameters;
    var Parts;

    // Process URL parameters
    //
    Parameters = "";
    if (location.href.indexOf("?") != -1)
    {
        Parts = location.href.split("?");
        Parameters = "?" + Parts[1];
    }

    setTimeout("location.replace(\"wwhelp/wwhimpl/common/html/switch.htm\" +
Parameters + "\");", 1);
}
// -->
</script>
</head>

<body onLoad="WWHHelpFrame_LaunchHelp();">
</body>
</html>
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: [https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/comm on/html/blank.htm](https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm)
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46339]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=9E8500454DF268CC95FAA6AE564CEA1E;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-
qa.nci.nih.gov/camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm
?context=caMOD_Online_Help&topic=login_page_help
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 435
Date: Tue, 25 Sep 2012 20:31:21 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"435-1347465200000"
Last-Modified: Wed, 12 Sep 2012 15:53:20 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-
html40/strict.dtd">
<html>
  <!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
  <head>
    <meta http-equiv="content-type" content="text/html">
    <meta http-equiv="charset" content="UTF-8">
    <!-- MOTW-DISABLED saved from url=(0014)about:internet -->
    <title>blank.htm</title>
  </head>
  <body>
  </body>
</html>
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46494]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-
qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 1955
Date: Tue, 25 Sep 2012 20:39:22 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"1955-1347465200000"
Last-Modified: wed, 12 Sep 2012 15:53:20 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN" "http://www.w3.org/TR/REC-
html40/frameset.dtd">
<html>
```

```

<!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
<head>
<meta http-equiv="content-type" content="text/html">
<meta http-equiv="charset" content="UTF-8">
<!-- MOTW-DISABLED saved from url=(0014)about:internet -->

<title>content.htm</title>

<script type="text/javascript" language="JavaScript1.2">
<!--
// Set reference to top level help frame
//
var WWHFrame = eval("parent");

// Netscape Resize Fix
//
function WWHContentFrame_HandleResize()
{
  if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape
  {
    WWHFrame.WWHHelp.fReloadLocation("WWHDocumentFrame");
  }
}

function WWHContentFrame_HandleKeyDown(ParamEvent)
{
  return WWHFrame.WWHHelp.fHandleKeyDown(ParamEvent);
}

function WWHContentFrame_HandleKeyPress(ParamEvent)
{
  return WWHFrame.WWHHelp.fHandleKeyPress(ParamEvent);
}

function WWHContentFrame_HandleKeyUp(ParamEvent)
{
  return WWHFrame.WWHHelp.fHandleKeyUp(ParamEvent);
}
// -->
</script>
</head>

<frameset rows="36,*" border="0" frameborder="0" framespacing="0"
onResize="WWHContentFrame_HandleResize();" onKeyDown="WWHContentFrame_HandleKeyDown
((document.all||document.getElementById||document.layers)?event:null);"
onKeyPress="WWHContentFrame_HandleKeyPress
((document.all||document.getElementById||document.layers)?event:null);"
onKeyUp="WWHContentFrame_HandleKeyUp
((document.all||document.getElementById||document.layers)?event:null);">
  <frame name="" src="pagenav.htm" scrolling="no">
  <frame name="" src="blank.htm" scrolling="auto">

</frameset>
<body>
<p>This page uses frames, but your browser doesn't support them.</p>
</body>
</frameset>
</html>

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:
311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46318]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=9E8500454DF268CC95FAA6AE564CEA1E;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm
?context=caMOD_Online_Help&topic=login_page_help
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2003
Date: Tue, 25 Sep 2012 20:31:20 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"2003-1347465200000"
Last-Modified: wed, 12 Sep 2012 15:53:20 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN" "http://www.w3.org/TR/REC-
html40/frameset.dtd">
<html>
<!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
<head>
<meta http-equiv="content-type" content="text/html">
<meta http-equiv="charset" content="UTF-8">
<!-- MOTW-DISABLED saved from url=(0014)about:internet -->
<title>pagenav.htm</title>
```

```

<script type="text/javascript" language="JavaScript1.2">
  <!--
    var WWHFrame = null;

    // Set reference to top level help frame
    //
    if ((typeof(parent.WWHHelp) != "undefined") &&
        (parent.WWHHelp != null))
    {
      WWHFrame = eval("parent");
    }
    else if ((typeof(parent.parent.WWHHelp) != "undefined") &&
              (parent.parent.WWHHelp != null))
    {
      WWHFrame = eval("parent.parent");
    }

    function WWHPageNavFrame_HandleKeyDown(ParamEvent)
    {
      return WWHFrame.WWHHelp.fHandleKeyDown(ParamEvent);
    }

    function WWHPageNavFrame_HandleKeyPress(ParamEvent)
    {
      return WWHFrame.WWHHelp.fHandleKeyPress(ParamEvent);
    }

    function WWHPageNavFrame_HandleKeyUp(ParamEvent)
    {
      return WWHFrame.WWHHelp.fHandleKeyUp(ParamEvent);
    }
  // -->
</script>
</head>

<frameset cols="87,*,160" border="0" frameborder="0" framespacing="0"
onKeyDown="WWHPageNavFrame_HandleKeyDown
((document.all||document.getElementById||document.layers)?event:null);"
onKeyPress="WWHPageNavFrame_HandleKeyPress
((document.all||document.getElementById||document.layers)?event:null);"
onKeyUp="WWHPageNavFrame_HandleKeyUp
((document.all||document.getElementById||document.layers)?event:null);">
  <frame name="" src="blank.htm" scrolling="no">
  <frame name="" src="blank.htm" scrolling="no">
  <frame name="" src="blank.htm" scrolling="no">

</frameset>
<body>
  <p>This page uses frames, but your browser doesn't support them.</p>
</body>
</frameset>
</html>

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: [https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/comm on/html/switch.htm](https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm)
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38168]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-
qa.nci.nih.gov/camod/webHelp/caMOD_Online_Help/index.html
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 1476
Date: Tue, 25 Sep 2012 19:41:08 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"1476-1347465200000"
Last-Modified: wed, 12 Sep 2012 15:53:20 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/REC-
html40/strict.dtd">
<html>
  <!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
  <head>
    <meta http-equiv="content-type" content="text/html">
    <meta http-equiv="charset" content="UTF-8">
    <!-- MOTW-DISABLED saved from url=(0014)about:internet -->
    <title>switch.htm</title>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/private/title.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../private/options.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../private/locale.js"></script>
```

```

<script type="text/javascript" language="JavaScript1.2"
src="../scripts/browser.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../scripts/strutils.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../scripts/switch.js"></script>

<script type="text/javascript" language="JavaScript1.2">
<!--
// Set reference to top level help frame
//
var WWHFrame = eval("window.self");
window.name = "WWHFrame";

// Create browser info object
//
var WWHBrowser = new WWHBrowser_Object();

// Create switch object
//
var WWHSwitch = new WWHSwitch_Object();
// -->
</script>
</head>

<body onLoad="WWHSwitch.fExec(true, location.href);">
</body>
</html>

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/comm on/html/wwhelp.htm
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45888]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/camOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm?
context=camOD_Online_Help&topic=login_page_help HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validuserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-
qa.nci.nih.gov/camod/webHelp/camOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm
?single=true&context=camOD_Online_Help&topic=login_page_help
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 4096
Date: Tue, 25 Sep 2012 20:24:25 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"4096-1347465200000"
Last-Modified: wed, 12 Sep 2012 15:53:20 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN" "http://www.w3.org/TR/REC-
html40/frameset.dtd">
<html>
  <!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->

  <head>
    <meta http-equiv="content-type" content="text/html">
    <meta http-equiv="charset" content="UTF-8">
    <!-- MOTW-DISABLED saved from url=(0014)about:internet -->

    <script type="text/javascript" language="JavaScript1.2"
src="..\private/title.js"></script>

    <script type="text/javascript" language="JavaScript1.2"
src="..\private/popupf.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\private/options.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\private/locale.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/browser.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/popup.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/filelist.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/booklist.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/bookgrps.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/help.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/controls.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/related.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/strutils.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/switch.js"></script>

    <script type="text/javascript" language="JavaScript1.2"
src="..\scripts/handler.js"></script>

    <script type="text/javascript" language="JavaScript1.2">
<!--
```

```

// Set reference to top level help frame
//
var WWHFrame = eval("window.self");
window.name = "WWHFrame";

// Create browser info object
//
var WWHBrowser = new WWHBrowser_Object();

// Create switch object
//
var WWHSwitch = new WWHSwitch_Object();

// Create new help object
//
var WWHHelp = new WWHHelp_Object(location.href);

// Create controls object
//
var WWHControls = new WWHControls_Object();

// Create related topics object
//
var WWHRelatedTopics = new WWHRelatedTopics_Object();

// Create a links object
//
var WWHALinks = new WWHALinks_Object();

// Create new handler object
//
var WWHHandler = new WWHHandler_Object();

// Netscape Resize Fix
//
function WWHContentFrame_HandleResize()
{
    if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape
    {
        WWHFrame.WWHHelp.fReloadLocation("WWHDocumentFrame");
    }
}

function WWHContentFrame_HandleKeyDown(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyDown(ParamEvent);
}

function WWHContentFrame_HandleKeyPress(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyPress(ParamEvent);
}

function WWHContentFrame_HandleKeyUp(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyUp(ParamEvent);
}
// -->
</script>
</head>

<frameset rows="36,*" border="0" frameborder="0" framespacing="0"
onLoad="WWHHelp.fInitStage(0);" onResize="WWHContentFrame_HandleResize();"
onKeyDown="WWHContentFrame_HandleKeyDown
((document.all||document.getElementById||document.layers)?event:null);"
onKeyPress="WWHContentFrame_HandleKeyPress
((document.all||document.getElementById||document.layers)?event:null);"
onKeyUp="WWHContentFrame_HandleKeyUp
((document.all||document.getElementById||document.layers)?event:null);">
    <frame name="" src="pagenav.htm" scrolling="no">
    <frame name="" src="blank.htm" scrolling="auto">

```

```
<noframes>
  <body>
    <p>This page uses frames, but your browser doesn't support them.</p>
  </body>
</noframes>
</fr...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: [https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/comm on/private/locale.js](https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js)
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38206]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validuserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 25678
Date: Tue, 25 Sep 2012 19:41:09 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"25678-1347465170000"
Last-Modified: Wed, 12 Sep 2012 15:52:50 GMT
```

Content-Type: text/javascript

```
// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved.  
//
```

```
function WWHCommonMessages_Object()  
{  
    // Set default messages  
    //  
    WWHCommonMessages_Set_en(this);  
  
    this.fSetByLocale = WWHCommonMessages_SetByLocale;  
}  
  
function WWHCommonMessages_SetByLocale(ParamLocale)  
{  
    var LocaleFunction = null;  
  
    // Match locale  
    //  
    if ((ParamLocale.length > 1) &&  
        (eval("typeof(WWHCommonMessages_Set_" + ParamLocale + ")") == "function"))  
    {  
        LocaleFunction = eval("WWHCommonMessages_Set_" + ParamLocale);  
    }  
    else if ((ParamLocale.length > 1) &&  
        (eval("typeof(WWHCommonMessages_Set_" + ParamLocale.substring(0, 2) +  
        ")") == "function"))  
    {  
        LocaleFunction = eval("WWHCommonMessages_Set_" + ParamLocale.substring(0, 2));  
    }  
  
    // Default already set, only override if locale found  
    //  
    if (LocaleFunction != null)  
    {  
        LocaleFunction(this);  
    }  
}  
  
function WWHCommonMessages_Set_de(ParamMessages)  
{  
    // Icon Labels  
    //  
    ParamMessages.mShowNavigationIconLabel = "Navigation anzeigen";  
    ParamMessages.mSyncIconLabel = "Im Inhalt anzeigen";  
    ParamMessages.mPrevIconLabel = "Zur\u00f6cck";  
    ParamMessages.mNextIconLabel = "Weiter";  
    ParamMessages.mRelatedTopicsIconLabel = "Verwandte Themen";  
    ParamMessages.mEmailIconLabel = "E-Mail";  
    ParamMessages.mPrintIconLabel = "Drucken";  
    ParamMessages.mBookmarkIconLabel = "Lesezeichen";  
    ParamMessages.mBookmarkLinkMessage = "Klicken Sie mit der rechten Maustaste  
auf die Verkn\u00f6pfung, und f\u00f6gen Sie sie Ihren Lesezeichen hinzu.";  
    ParamMessages.mPDFIconLabel = "PDF";  
  
    // ALinks support  
    //  
    ParamMessages.mSeeAlsoLabel = "Siehe auch";  
  
    // Browser support messages  
    //  
    ParamMessages.mUseAccessibleHTML = "Brauchen Sie Unterst\u00f6tzung f\u00f6r  
zugreifbare HTML?";  
    ParamMessages.mBrowserNotSupported = "Ihr webbrowser unterst\u00f6tzt die zum  
ordnungsgem\u00e4\u00dfen Anzeigen\ndieser Seite erforderlichen Funktionen nicht.  
Folgende Browser werden unterst\u00f6tzt:\n\n IE4 und h\u00f6her f\u00f6r windows  
und UNIX\n\n IE5 und h\u00f6her f\u00f6r Mac\n\n Netscape 6.1 und h\u00f6her f\u00f6r  
windows, Mac und UNIX\n\n Netscape 4.x f\u00f6r windows, Mac und UNIX";  
  
    // Accessibility messages
```

```

//
ParamMessages.mAccessibilityListSeparator = ",";
ParamMessages.mAccessibilityDocumentFrameName = "Dokument";
ParamMessages.mAccessibilityDisabledNavigationButton = "Deaktivierte
Schaltfl\u00e4che %s";
ParamMessages.mAccessibilityPopupClickThrough = "klicken Sie hier, um zum
Quelldokument zu gelangen.";
}

function WWHCommonMessages_Set_en(ParamMessages)
{
// Icon Labels
//
ParamMessages.mShowNavigationIconLabel = "Show Navigation";
ParamMessages.mSyncIconLabel = "Show in Contents";
ParamMessages.mPrevIconLabel = "Previous";
ParamMessages.mNextIconLabel = "Next";
ParamMessages.mRelatedTopicsIconLabel = "Related Topics";
ParamMessages.mEmailIconLabel = "E-mail";
ParamMessages.mPrintIconLabel = "Print";
ParamMessages.mBookmarkIconLabel = "Bookmark";
ParamMessages.mBookmarkLinkMessage = "Right-click link and add it to your
bookmarks.";
ParamMessages.mPDFIconLabel = "PDF";

// ALinks support
//
ParamMessages.mSeeAlsoLabel = "See Also";

// Browser support messages
//
ParamMessages.mUseAccessibleHTML = "Do you require accessible HTML support?";
ParamMessages.mBrowserNotSupported = "Your web browser does not support the
necessary features\nrequired to view this page properly. Supported browsers
are:\n\n IE4 and later on Windows and UNIX\n IE5 and later on Mac\n Netscape
6.1 and later on Windows, Mac, and UNIX\n Netscape 4.x on Windows, Mac, and UNIX";

// Accessibility messages
//
ParamMessages.mAccessibilityListSeparator = ",";
ParamMessages.mAccessibilityDocumentFrameName = "Document";
ParamMessages.mAccessibilityDisabledNavigationButton = "Disabled button %s";
ParamMessages.mAccessibilityPopupClickThrough = "Click here to go to the
source document.";
}

function WWHCommonMessag...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38196]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2365
Date: Tue, 25 Sep 2012 19:41:09 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"2365-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHCommonSettings_Object()
{
    this.mTitle = "caMOD Online Help";

    this.mbCookies = true;
    this.mCookiesDaysToExpire = 30;
    this.mCookiesID = "1512729CDF44BC8";

    this.mAccessible = "false";

    this.mbSyncContentsEnabled = true;
    this.mbPrevEnabled = false;
    this.mbNextEnabled = false;
    this.mbRelatedTopicsEnabled = true;
    this.mbEmailEnabled = false;
    this.mbPrintEnabled = true;
    this.mbBookmarkEnabled = false;
    this.mbPDFEnabled = false;

    this.mEmailAddress = "";

    this.mRelatedTopics = new WWHCommonSettings_RelatedTopics_Object();
    this.mALinks = new WWHCommonSettings_ALinks_Object();
}
```

```

    this.mPopup          = new WWHCommonSettings_Popup_Object();

    this.mbHighlightingEnabled      = true;
    this.mHighlightingForegroundColor = "#FFFFFF";
    this.mHighlightingBackgroundColor = "#333399";
}

function WWHCommonSettings_RelatedTopics_Object()
{
    this.mwidth = 250;

    this.mTitleFontStyle          = "font-family: Verdana, Arial, Helvetica, sans-serif ;
font-size: 10pt";
    this.mTitleForegroundColor = "#FFFFFF";
    this.mTitleBackgroundColor = "#999999";

    this.mFontStyle              = "font-family: Verdana, Arial, Helvetica, sans-serif ; font
-size: 8pt";
    this.mForegroundColor = "#003399";
    this.mBackgroundColor = "#FFFFFF";
    this.mBorderColor      = "#666666";

    this.mbInlineEnabled = true;
    this.mInlineFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font
-size: 10pt";
    this.mInlineForegroundColor = "#003366";
}

function WWHCommonSettings_ALinks_Object()
{
    this.mbShowBook = false;

    this.mwidth = 250;
    this.mIndent = 17;

    this.mTitleFontStyle          = "font-family: Verdana, Arial, Helvetica, sans-serif ;
font-size: 10pt";
    this.mTitleForegroundColor = "#FFFFFF";
    this.mTitleBackgroundColor = "#999999";

    this.mFontStyle              = "font-family: Verdana, Arial, Helvetica, sans-serif ; font
-size: 8pt";
    this.mForegroundColor = "#003399";
    this.mBackgroundColor = "#FFFFFF";
    this.mBorderColor      = "#666666";
}

function WWHCommonSettings_Popup_Object()
{
    this.mwidth = 200;

    this.mBackgroundColor = "#FFFCC";
    this.mBorderColor      = "#999999";
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45907]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 1835
Date: Tue, 25 Sep 2012 20:24:25 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"1835-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved.
//
```

```
function WWHPopupFormat_Translate(ParamText)
{
    return ParamText;
}

function WWHPopupFormat_Format(ParamWidth,
                                ParamTextID,
                                ParamText)
{
    var FormattedText = "";
    var BackgroundColor = WWHFrame.WWHHelp.mSettings.mPopup.mBackgroundColor;
    var BorderColor = WWHFrame.WWHHelp.mSettings.mPopup.mBorderColor;
    var ImageDir = WWHFrame.WWHHelp.mHelpURLPrefix +
"wwhelp/wwhimpl/common/images";
```

```

var ReqSpacer1w2h = "<img src=\"\" + ImageDir + \"/spc1w2h.gif\" width=\"1\"
height=\"2\">";
var ReqSpacer2w1h = "<img src=\"\" + ImageDir + \"/spc2w1h.gif\" width=\"2\"
height=\"1\">";
var StyleAttribute;

// Set style attribute to insure small image height
//
StyleAttribute = " style=\"font-size: 1px; line-height: 1px;\"";

FormattedText += "<table width=\"4\" border=\"0\" cellspacing=\"0\"
cellpadding=\"0\" bgcolor=\"\" + BackgroundColor + "\">";
FormattedText += " <tr>";
FormattedText += " <td\" + StyleAttribute + " height=\"2\" colspan=\"3\"
bgcolor=\"\" + BorderColor + "\">\" + ReqSpacer1w2h + "</td>";
FormattedText += " </tr>";

FormattedText += " <tr>";
FormattedText += " <td bgcolor=\"\" + BorderColor + "\">\" + ReqSpacer2w1h +
"</td>";
FormattedText += " <td width=\"100%\" id=\"\" + ParamTextID + "\">\" + ParamText +
"</td>";
FormattedText += " <td bgcolor=\"\" + BorderColor + "\">\" + ReqSpacer2w1h +
"</td>";
FormattedText += " </tr>";

FormattedText += " <tr>";
FormattedText += " <td\" + StyleAttribute + " height=\"2\" colspan=\"3\"
bgcolor=\"\" + BorderColor + "\">\" + ReqSpacer1w2h + "</td>";
FormattedText += " </tr>";
FormattedText += "</table>";

return FormattedText;
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=29326]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=7D0D295415BF2BB3CE4D4B2897D299FC;
validUserKey=123456789; ncbi_sid=396E1b4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 134
Date: Tue, 25 Sep 2012 18:33:15 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"134-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved.
//
```

```
document.writeln("<title>caMOD Online Help</title>");
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45974]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=943729E066463E79E1B7E86C95F4F58F;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5373
Date: Tue, 25 Sep 2012 20:24:27 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5373-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHBookGroups_Object()
{
  this.mbShowBooks      = false;
  this.mbExpandAllAtTop = false;
  this.mChildren        = new Array();

  this.fAddGrouping     = WWHBookGroups_AddGrouping;
  this.fAddDirectory    = WWHBookGroups_AddDirectory;
}
```

```
function WWHBookGroups_AddGrouping(ParamTitle,
                                     bParamExpand,
                                     ParamIcon,
                                     ParamOpenIcon)
{
```

```
  var bExpandBookGrouping;
  var BookGrouping;
```

```
  // Set mbExpand to true if top entries are to be expanded
  //
  bExpandBookGrouping = false;
  if ((typeof(bParamExpand) != "undefined") &&
```

```

        (bParamExpand != null) &&
        (bParamExpand == true))
    {
        bExpandBookGrouping = true;
    }
    else
    {
        if (this.mbExpandAllAtTop)
        {
            bExpandBookGrouping = true;
        }
    }
}

BookGrouping = new WWHBookGroups_Group_Object(ParamTitle, bExpandBookGrouping,
ParamIcon, ParamOpenIcon);

// Add to children list
//
this.mChildren[this.mChildren.length] = BookGrouping;

return BookGrouping;
}

function WWHBookGroups_AddDirectory(ParamDirectory,
                                     bParamShow,
                                     bParamExpand,
                                     ParamIcon,
                                     ParamOpenIcon)
{
    var bExpandBookDirectory;
    var BookDirectory;

    // Set mbExpand to true if top entries are to be expanded
    //
    bExpandBookDirectory = false;
    if ((typeof(bParamExpand) != "undefined") &&
        (bParamExpand != null) &&
        (bParamExpand == true))
    {
        bExpandBookDirectory = true;
    }
    else
    {
        if (this.mbExpandAllAtTop)
        {
            bExpandBookDirectory = true;
        }
    }
}

BookDirectory = new WWHBookGroups_Directory_Object(ParamDirectory, bParamShow,
bExpandBookDirectory, ParamIcon, ParamOpenIcon);

// Set mbShow to default values if not defined
//
if ((typeof(bParamShow) == "undefined") ||
    (bParamShow == null))
{
    BookDirectory.mbShow = this.mbShowBooks;
}

// Add to children list
//
this.mChildren[this.mChildren.length] = BookDirectory;
}

function WWHBookGroups_Group_Object(ParamTitle,
                                     bParamExpand,
                                     ParamIcon,
                                     ParamOpenIcon)
{
    this.mbGrouping = true;
}

```

```

this.mTitle    = ParamTitle;
this.mbExpand  = false;
this.mChildren = new Array();

this.fAddGrouping = WWHBookGroups_Group_AddGrouping;
this.fAddDirectory = WWHBookGroups_Group_AddDirectory;

// Set mbExpand if override defined
//
if ((typeof(bParamExpand) != "undefined") &&
    (bParamExpand != null))
{
    if (bParamExpand == true)
    {
        this.mbExpand = true;
    }
}

// Set mIcon if defined
//
if (typeof(ParamIcon) != "undefined")
{
    this.mIcon = ParamIcon;
}

// Set mOpenIcon if defined
//
if (typeof(ParamOpenIcon) != "undefined")
{
    this.mOpenIcon = ParamOpenIcon;
}
}

function WWHBookGroups_Group_AddGrouping(ParamTitle,
                                         bParamExpand,
                                         ParamIcon,
                                         ParamOpenIcon)
{
    var BookGrouping;

    BookGrouping = new WWHBookGroups_Group_Object(ParamTitle, bParamExpand, ParamIcon,
ParamOpenIcon);
    this.mChildren[this.mChildren.length] = BookGrouping;

    return BookGrouping;
}

function WWHBookGroups_Group_AddDirectory(ParamDirectory,
                                          bParamShow,
                                          bParamExpand,
                                          ParamIcon,
                                          ParamOpenIcon)
{
    var BookDirectory;

    BookDirectory = new WWHBookGroups_Directory_Object(ParamDirectory, bParamShow,
bParamExpand, ParamIcon, ParamOpenIcon);
    this.mChildren[this.mChildren.length] = BookDirectory;
}

function WWHBookGroups_Directory_Object(ParamDirectory,
                                         bParamShow,
                                         ...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45946]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 9365
Date: Tue, 25 Sep 2012 20:24:26 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"9365-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHBook_Object(ParamDirectory)
{
  // Set values from callbacks
  //
```

```

this.mDirectory = null;
this.mTitle     = null;
this.mContext   = null;
this.mFiles     = new WWHFileList_Object();

// Fix up directory
//
if (ParamDirectory == ".")
{
    this.mDirectory = "";
}
else
{
    this.mDirectory = ParamDirectory + "/";
}

this.fInit = WWHBook_Init;
}

function WWHBook_Init(ParamTitle,
                      ParamContext,
                      ParamFilesFunction,
                      ParamALinksFunction)
{
    this.mTitle     = ParamTitle;
    this.mContext   = ParamContext;

    // Load files
    //
    ParamFilesFunction(this.mFiles);

    // Load alinks
    //
    ParamALinksFunction(WWHFrame.WWHALinks);
}

function WWHBookList_Object()
{
    this.mInitIndex      = 0;
    this.mBookList       = new Array();
    this.mBookContextToIndex = new Object();

    this.fInit_AddBookDir           = WWHBookList_Init_AddBookDir;
    this.fInit_BookData_Script      = WWHBookList_Init_BookData_Script;
    this.fInit_AddBook              = WWHBookList_Init_AddBook;
    this.fInit_IncrementIndex       = WWHBookList_Init_IncrementIndex;
    this.fGetBook                   = WWHBookList_GetBook;
    this.fGetBookTitle              = WWHBookList_GetBookTitle;
    this.fHREFToFileIndex           = WWHBookList_HREFToFileIndex;
    this.fHREFToTitle               = WWHBookList_HREFToTitle;
    this.fBookIndexFileIndexToTitle = WWHBookList_BookIndexFileIndexToTitle;
    this.fGetBookIndexFileHREF      = WWHBookList_GetBookIndexFileHREF;
    this.fBookFileIndiciesToHREF    = WWHBookList_BookFileIndiciesToHREF;
    this.fHREFToBookIndexFileIndexAnchor = WWHBookList_HREFToBookIndexFileIndexAnchor;
    this.fGetSyncPrevNext           = WWHBookList_GetSyncPrevNext;
    this.fGetContextIndex           = WWHBookList_GetContextIndex;
    this.fGetContextBook            = WWHBookList_GetContextBook;
}

function WWHBookList_Init_AddBookDir(ParamBookDir)
{
    this.mBookList[this.mBookList.length] = new WWHBook_Object(ParamBookDir);
}

function WWHBookList_Init_BookData_Script()
{
    var Scripts = new WWHStringBuffer_Object();
    var VarParameters;
    var MaxIndex = 0;
    var Index = 0;
    var BookDirectory;
}

```

```

// Workaround Safari reload bug
//
VarParameters = "";
if (WWHFrame.WWHBrowser.mBrowser == 5) // Shorthand for Safari
{
    VarParameters = "?" + (new Date() * 1);
}

this.mInitIndex = 0;
for (MaxIndex = this.mBookList.length, Index = 0 ; Index < MaxIndex ; Index++)
{
    BookDirectory = WWHFrame.WWHHelp.mHelpURLPrefix +
WWHFrame.WWHBrowser.fRestoreEscapedSpaces(this.mBookList[Index].mDirectory);

    Scripts.fAppend("<script type=\"text/javascript\" language=\"JavaScript1.2\"
src=\"\" + BookDirectory + \"wwhdata/common/title.js\" + VarParameters +
\"\"></script>\n");
    Scripts.fAppend("<script type=\"text/javascript\" language=\"JavaScript1.2\"
src=\"\" + BookDirectory + \"wwhdata/common/context.js\" + VarParameters +
\"\"></script>\n");
    Scripts.fAppend("<script type=\"text/javascript\" language=\"JavaScript1.2\"
src=\"\" + BookDirectory + \"wwhdata/common/files.js\" + VarParameters +
\"\"></script>\n");
    Scripts.fAppend("<script type=\"text/javascript\" language=\"JavaScript1.2\"
src=\"\" + BookDirectory + \"wwhdata/common/alinks.js\" + VarParameters +
\"\"></script>\n");

    Scripts.fAppend("<script type=\"text/javascript\" language=\"JavaScript1.2\"
src=\"\" + WWHFrame.WWHHelp.mHelpURLPrefix +
\"wwhelp/wwhimpl/common/scripts/bklist1s.js\" + VarParameters + \"\"></script>\n");
}

return Scripts.fGetBuffer();
}

function WWHBookList_Init_AddBook(ParamTitle,
                                   ParamContext,
                                   ParamFilesFunction,
                                   ParamALinksFunction)
{
    // Update book information
    //
    this.mBookList[this.mInitIndex].fInit(ParamTitle, ParamContext,
                                           ParamFilesFunction,
                                           ParamALinksFunction);

    this.mBookC...
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38225]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 14965
Date: Tue, 25 Sep 2012 19:41:10 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"14965-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved.
//
```

```
function WWHBrowserUtilities_SearchReplace(ParamString,
                                           ParamSearchString,
                                           ParamReplaceString)
{
    var ResultString;
    var Index;

    ResultString = ParamString;

    if ((ParamSearchString.length > 0) &&
        (ResultString.length > 0))
    {
        Index = 0;
        while ((Index = ResultString.indexOf(ParamSearchString, Index)) != -1)
        {
            ResultString = ResultString.substring(0, Index) + ParamReplaceString +
            ResultString.substring(Index + ParamSearchString.length, ResultString.length);
            Index += ParamReplaceString.length;
        }
    }

    return ResultString;
}
```

```

function WWHBrowserUtilities_EscapeURLForJavaScriptAnchor(ParamURL)
{
    var EscapedURL = ParamURL;

    // Escape problematic characters
    // \ " ' < >
    //
    EscapedURL = WWHBrowserUtilities_SearchReplace(EscapedURL, "\\\"", "\\\"");
    EscapedURL = WWHBrowserUtilities_SearchReplace(EscapedURL, "\"", "\"");
    EscapedURL = WWHBrowserUtilities_SearchReplace(EscapedURL, "'", "'");
    EscapedURL = WWHBrowserUtilities_SearchReplace(EscapedURL, "<", "<");
    EscapedURL = WWHBrowserUtilities_SearchReplace(EscapedURL, ">", ">");

    return EscapedURL;
}

function WWHBrowser_Object()
{
    this.mLocale           = "en";
    this.mPlatform         = 0;           // Shorthand for Unknown
    this.mBrowser          = 0;           // Shorthand for Unknown
    this.mCookiePath       = "/";
    this.mbCookiesEnabled  = null;
    this.mbSupportsFocus   = false;
    this.mbSupportsPopups  = true;
    this.mbSupportsIFrames = false;
    this.mbSupportsFrameRenaming = true;
    this.mbWindowIE40      = false;     // Needed for special case handling
    this.mbMacIE45         = false;     // Needed for special case handling
    this.mbMacIE50         = false;     // Needed for special case handling
    this.mbUnescapeHREFS   = true;      // Needed for special case handling
    this.mbWindowsIE60     = false;     // Needed for special case handling
    this.mbUnsupported      = false;

    this.fInitialize       = WWHBrowser_Initialize;
    this.fNormalizeURL     = WWHBrowser_NormalizeURL;
    this.fRestoreEscapedSpaces = WWHBrowser_RestoreEscapedSpaces;
    this.fSetLocation      = WWHBrowser_SetLocation;
    this.fReplaceLocation  = WWHBrowser_ReplaceLocation;
    this.fReloadLocation   = WWHBrowser_ReloadLocation;
    this.fSetCookiePath    = WWHBrowser_SetCookiePath;
    this.fCookiesEnabled   = WWHBrowser_CookiesEnabled;
    this.fSetCookie        = WWHBrowser_SetCookie;
    this.fGetCookie        = WWHBrowser_GetCookie;
    this.fDeleteCookie     = WWHBrowser_DeleteCookie;
    this.fFocus            = WWHBrowser_Focus;

    // Initialize object
    //
    this.fInitialize();
}

function WWHBrowser_Initialize()
{
    var Agent;
    var MajorVersion = 0;
    var VersionString;
    var Version = 0.0;

    // Reset locale to correct language value
    //
    if ((typeof(navigator.language) != "undefined") &&
        (navigator.language != null))
    {
        this.mLocale = navigator.language;
    }
    else if ((typeof(navigator.userLanguage) != "undefined") &&
            (navigator.userLanguage != null))
    {

```

```

    this.mLocale = navigator.userAgent;
}

// Convert everything to lowercase
//
this.mLocale = this.mLocale.toLowerCase();

// Replace '-'s with '_'s
//
this.mLocale = WWHBrowserUtilities_SearchReplace(this.mLocale, "-", "_");

// Get browser info
//
Agent = navigator.userAgent.toLowerCase();

// Determine platform
//
if ((Agent.indexOf("win") != -1) ||
    (Agent.indexOf("16bit") != -1))
{
    this.mPlatform = 1; // Shorthand for windows
}
else if (Agent.indexOf("mac") != -1)
{
    this.mPlatform = 2; // Shorthand for Macintosh
}

// Determine browser
//
if ((Agent.indexOf("mozilla") != -1) &&
    (Agent.indexOf("spoofer") == -1) &&
    (Agent.indexOf("compatible") == -1))
{
    MajorVersion = parseInt(navigator.appVersion)

    if (MajorVersion >= 5)
    {
        this.mBr...
    }
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46108]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 28291
Date: Tue, 25 Sep 2012 20:31:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"28291-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHControlEntry_Object(ParamControlName,
                                bParamEnabled,
                                bParamStatus,
                                ParamLabel,
                                ParamIconEnabled,
                                ParamIconDisabled,
                                ParamAnchorMethod,
                                ParamFrameName)
{
    this.mControlName = ParamControlName;
    this.mbEnabled = bParamEnabled;
    this.mbStatus = bParamStatus;
    this.mLabel = ParamLabel;
    this.mIconEnabled = ParamIconEnabled;
    this.mIconDisabled = ParamIconDisabled;
    this.mAnchorMethod = ParamAnchorMethod;
    this.mFrameName = ParamFrameName;

    this.fSetStatus = WWHControlEntry_SetStatus;
    this.fGetIconURL = WWHControlEntry_GetIconURL;
    this.fGetHTML = WWHControlEntry_GetHTML;
    this.fGetLabel = WWHControlEntry_GetLabel;
    this.fUpdateIcon = WWHControlEntry_UpdateIcon;
}
```

```

function WWHControlEntry_SetStatus(bParamStatus)
{
    if (this.mbEnabled)
    {
        this.mbStatus = bParamStatus;
    }
    else
    {
        this.mbStatus = false;
    }
}

function WWHControlEntry_GetIconURL()
{
    var VarIconURL = "";

    if (this.mbEnabled)
    {
        // Create absolute path to icon
        //
        VarIconURL += WWHFrame.WWHHelp.mHelpURLPrefix;
        VarIconURL += "wwhelp/wwhimpl/common/images/";

        // Determine which icon to return
        //
        if (this.mbStatus)
        {
            VarIconURL += this.mIconEnabled;
        }
        else
        {
            VarIconURL += this.mIconDisabled;
        }
    }

    return VarIconURL;
}

function WWHControlEntry_GetHTML()
{
    var VarHTML = "";
    var VarLabel;

    if (this.mbEnabled)
    {
        // Set label
        //
        VarLabel = this.mLabel;
        if (WWHFrame.WWHHelp.mbAccessible)
        {
            if ( ! this.mbStatus)
            {
                VarLabel = WWHStringUtilities_FormatMessage
(WWHFrame.WWHHelp.mMessages.mAccessibilityDisabledNavigationButton, this.mLabel);
                VarLabel = WWHStringUtilities_EscapeHTML(VarLabel);
            }
        }
        VarLabel = WWHStringUtilities_EscapeHTML(VarLabel);

        // Display control
        //
        VarHTML += " <td width=\"23\">";
        VarHTML += "<div>";
        VarHTML += "<a name=\"" + this.mControlName + "\"
href=\"javascript:WWHFrame.WWHControls.\" + this.mAnchorMethod + \"();\" title=\"" +
VarLabel + "\">";
        VarHTML += "<img name=\"" + this.mControlName + "\" alt=\"" + VarLabel + "\"
border=\"0\" src=\"" + this.fGetIconURL() + "\" width=\"23\" height=\"21\">";
        VarHTML += "</a>";
    }
}

```

```

        VarHTML += " </div>";
        VarHTML += "</td>\n";
    }

    return VarHTML;
}

function WWHControlEntry_GetLabel()
{
    var VarLabel = "";

    if (this.mbEnabled)
    {
        // Set label
        //
        VarLabel = this.mLabel;
    }

    return VarLabel;
}

function WWHControlEntry_UpdateIcon()
{
    var VarControlDocument;

    if (this.mbEnabled)
    {
        // Access control document
        //
        VarControlDocument = eval(WWHFrame.WWHHelp.fGetFrameReference(this.mFrameName) +
        ".document");

        // Update icon
        //
        VarControlDocument.images[this.mControlName].src = this.fGetIconURL();
    }
}

function WWHControlEntries_Object()
{
}

function WWHControls_Object()
{
    this.mControls      = new WWHControlEntries_Object();
    this.mSyncPrevNext = new Array(null, null, null);
    this.mFocusedFrame = "";
    this.mFocusedAnchor = "";

    this.fReloadControls      = WWHControls_ReloadControls;
    this.fControlsLoaded      = WWHControls_ControlsLoaded;
    this.fAddControl          = WWHControls_AddControl;
    this.fGetControl          = WWHControls_GetControl;
    this.fInitialize         = WWHControls_Initialize;
    this.fSansNavigation      = WWHControls_SansNavigation;
    this.fCanSyncTOC         = WWHControls_CanSyncTOC;
    this.fTopSpacerHTML      = WWHControls_TopSpacerHTML;
    this.fLeftHTML           = WWHControls_LeftHTML;
    this.fRightHTML          = WWHControls_RightHTML;
    this.fLeftFrameTitle     = WWHControls_LeftFrameTitle;
    this.fRightFrameTitle    = WWHControls_RightFrameTitle;
    this.fUpdateHREF         = WWHControl...
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45927]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 1834
Date: Tue, 25 Sep 2012 20:24:26 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"1834-1347465170000"
Last-Modified: Wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHFile_Object(ParamTitle,
                        ParamHREF)
{
    this.mTitle = ParamTitle;
    this.mHREF = ParamHREF;
```

```

}

function WWHFileList_Object()
{
  this.mFileList = new Array();
  this.mFileHash = new WWHFileHash_Object();

  this.fEntries      = WWHFileList_Entries;
  this.fAddFile      = WWHFileList_AddFile;
  this.fA            = WWHFileList_AddFile;
  this.fHREFToIndex  = WWHFileList_HREFToIndex;
  this.fHREFToTitle  = WWHFileList_HREFToTitle;
  this.fFileIndexToHREF = WWHFileList_FileIndexToHREF;
  this.fFileIndexToTitle = WWHFileList_FileIndexToTitle;
}

function WWHFileList_Entries()
{
  return this.mFileList.length;
}

function WWHFileList_AddFile(ParamTitle,
                             ParamHREF)
{
  this.mFileHash[unescape(ParamHREF) + "~"] = this.mFileList.length;
  this.mFileList[this.mFileList.length] = new WWHFile_Object(ParamTitle, ParamHREF);
}

function WWHFileList_HREFToIndex(ParamHREF)
{
  var MatchIndex = -1;
  var Match;

  Match = this.mFileHash[ParamHREF + "~"];
  if (typeof(Match) != "undefined")
  {
    MatchIndex = Match;
  }

  return MatchIndex;
}

function WWHFileList_HREFToTitle(ParamHREF)
{
  var Title = "";
  var MatchIndex;

  MatchIndex = this.fHREFToIndex(ParamHREF);
  if (MatchIndex != -1)
  {
    Title = this.mFileList[MatchIndex].mTitle;
  }
  else
  {
    Title = WWHStringUtilities_EscapeHTML(ParamHREF);
  }

  return Title;
}

function WWHFileList_FileIndexToHREF(ParamIndex)
{
  return this.mFileList[ParamIndex].mHREF;
}

function WWHFileList_FileIndexToTitle(ParamIndex)
{
  return this.mFileList[ParamIndex].mTitle;
}

```

```
function wwHFileHash_Object()
{
}
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/handler.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/handler.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46156]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/handler.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2315
Date: Tue, 25 Sep 2012 20:31:15 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"2315-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.  
//
```

```
function WWHandler_Object()  
{  
    this.mbInitialized = false;  
  
    this.fInit           = WWHandler_Init;  
    this.fFinalize       = WWHandler_Finalize;  
    this.fGetFrameReference = WWHandler_GetFrameReference;  
    this.fGetFrameName   = WWHandler_GetFrameName;  
    this.fIsReady        = WWHandler_IsReady;  
    this.fUpdate         = WWHandler_Update;  
    this.fSyncTOC        = WWHandler_SyncTOC;  
    this.fFavoritesCurrent = WWHandler_FavoritesCurrent;  
    this.fProcessAccessKey = WWHandler_ProcessAccessKey;  
    this.fGetCurrentTab  = WWHandler_GetCurrentTab;  
    this.fSetCurrentTab  = WWHandler_SetCurrentTab;  
}  
  
function WWHandler_Init()  
{  
    this.mbInitialized = true;  
    WWFrame.WWHelp.fHandlerInitialized();  
}  
  
function WWHandler_Finalize()  
{  
}  
  
function WWHandler_GetFrameReference(ParamFrameName)  
{  
    var VarFrameReference;  
  
    // Nothing to do  
    //  
    return VarFrameReference;  
}  
  
function WWHandler_GetFrameName(ParamFrameName)  
{  
    var VarName = null;  
  
    // Nothing to do  
    //  
    return VarName;  
}  
  
function WWHandler_IsReady()  
{  
    var bVarIsReady = true;  
  
    return bVarIsReady;  
}  
  
function WWHandler_Update(ParamBookIndex,  
                          ParamFileIndex)  
{  
}  
  
function WWHandler_SyncTOC(ParamBookIndex,  
                           ParamFileIndex,  
                           ParamAnchor,  
                           bParamReportError)  
{  
    setTimeout("WWFrame.WWControls.fSwitchToNavigation()", 1);  
}
```

```

function WWHandler_FavoritesCurrent(ParamBookIndex,
                                     ParamFileIndex)
{
}

function WWHandler_ProcessAccessKey(ParamAccessKey)
{
  switch (ParamAccessKey)
  {
    case 1:
      WWHFrame.WWHControls.fSwitchToNavigation("contents");
      break;

    case 2:
      WWHFrame.WWHControls.fSwitchToNavigation("index");
      break;

    case 3:
      WWHFrame.WWHControls.fSwitchToNavigation("search");
      break;
  }
}

function WWHandler_GetCurrentTab()
{
  var VarCurrentTab;

  // Initialize return value
  //
  VarCurrentTab = "";

  return VarCurrentTab;
}

function WWHandler_SetCurrentTab(ParamTabName)
{
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46146]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5957
Date: Tue, 25 Sep 2012 20:31:15 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5957-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function wWHhighlightwords_Object()
{
    this.mwordList = null;

    this.fSetWordList = wWHhighlightwords_SetwordList;
    this.fExec = wWHhighlightwords_Exec;
}

function wWHhighlightwords_SetwordList(ParamwordList)
{
    if (wWHFrame.wWHhelp.mSettings.mbHighlightingEnabled)
    {
        this.mwordList = ParamwordList;
    }
    else
    {
        this.mwordList = null;
    }
}

function wWHhighlightwords_Exec()
{
    var MaxIndex;
```

```

var Index;
var WordExpressions;
var LongestWordExpression;
var MaxExpressionIndex;
var ExpressionIndex;
var ExpressionHash = null;
var ExpressionEntry;
var Expression;
var VarDocumentFrame;
var LongestWordExpressionKey;
var NewHighlightedWords = null;
var HighlightedWords = null;
var TextRange;
var LastCharTextRange;
var bMatchFound;
var bFirstMatch;
var NewHighlightedWordsKey;

if (this.mwordList != null)
{
    // Only works under IE on windows
    //
    if ((WWHFrame.WWHBrowser.mBrowser == 2) && // Shorthand for IE
        (WWHFrame.WWHBrowser.mPlatform == 1)) // Shorthand for windows
    {
        ExpressionHash = new WWHHighlightwords_ExpressionHash_Object();
        HighlightedWords = new WWHHighlightwords_Highlightedwords_Object();
        bFirstMatch = true;

        // Access search words
        //
        for (MaxIndex = this.mwordList.length, Index = 0 ; Index < MaxIndex ; Index++)
        {
            if (this.mwordList[Index].length > 0)
            {
                // Determine longest sub-expression between '*'
                //
                WordExpressions = this.mwordList[Index].split("*");
                LongestWordExpression = "";
                for (MaxExpressionIndex = WordExpressions.length, ExpressionIndex = 0 ;
                    ExpressionIndex < MaxExpressionIndex ; ExpressionIndex++)
                {
                    if (WordExpressions[ExpressionIndex].length >
                        LongestWordExpression.length)
                    {
                        LongestWordExpression = WordExpressions[ExpressionIndex];
                    }
                }

                // Store search expression keyed by longest sub-expression
                //
                ExpressionEntry = ExpressionHash[LongestWordExpression + "~"];
                if (typeof(ExpressionEntry) == "undefined")
                {
                    ExpressionEntry = new WWHHighlightwords_ExpressionEntry_Object();
                    ExpressionHash[LongestWordExpression + "~"] = ExpressionEntry;
                }
                Expression = WWHStringUtilities_wordToRegExpWithSpacePattern
                    (this.mwordList[Index]);
                ExpressionEntry.mExpressions[ExpressionEntry.mExpressions.length] = new
                    RegExp(Expression, "i");
            }
        }

        // Search document based on longest sub-expressions
        //
        VarDocumentFrame = eval(WWHFrame.WWHHelp.fGetFrameReference
            ("WWHDocumentFrame"));
        for (LongestWordExpressionKey in ExpressionHash)
        {
            LongestWordExpression = LongestWordExpressionKey.substring(0,

```

```

LongestWordExpressionKey.length - 1);
NewHighlightedWords = new WWWHighlightWords_HighlightedWords_Object();

TextRange = VarDocumentFrame.document.body.createTextRange();
TextRange.collapse();
while (TextRange.findText(LongestWordExpression, 1))
{
    TextRange.expand("word");
    ExpressionEntry = ExpressionHash[LongestWordExpression + "~"];

    // Check word against search expression
    //
    bMatchFound = false;
    MaxExpressionIndex = ExpressionEntry.mExpressions.Length;
    ExpressionIndex = 0;
    while ((! bMatchFound) &&
        (ExpressionIndex < MaxExpressionIndex))
    {
        if (ExpressionEntry.mExpressions[ExpressionIndex].test(TextRange.text))
        {
            // Highlight text if not processed already
            //
            if (typeof(HighlightedWords[TextRange.text + "~"]) == "undefined")
            {
                // Record text highlighted for this expression
                //
                NewHighlightedWords[TextRange.text + "~"] = true;

                // Try to trim off trailing whitespace or .s
                //
                ...
            }
        }
    }
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45917]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/camOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 15723
Date: Tue, 25 Sep 2012 20:24:26 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"15723-1347465170000"
Last-Modified: Wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHPopup_Object(ParamThisPopupRef,
                        ParamWindowRef,
                        ParamPopupTranslateFunc,
                        ParamPopupFormatFunc,
                        ParamDivID,
                        ParamTextID,
                        ParamTimeout,
                        ParamOffsetX,
                        ParamOffsetY,
                        ParamWidth)
{
    this.mThisPopupRef = ParamThisPopupRef;
    this.mWindowRef    = ParamWindowRef;
    this.mDivID        = ParamDivID;
    this.mTextID       = ParamTextID;
    this.mTimeout      = (ParamTimeout > 0) ? ParamTimeout : 0;
    this.mOffsetX      = ParamOffsetX;
    this.mOffsetY      = ParamOffsetY;
    this.mwidth        = ParamWidth;

    // Updated when popup triggered
    //
    this.mVisible      = false;
    this.mPositionX    = 0;
    this.mPositionY    = 0;
    this.mText         = "";
    this.mSetTimeoutID = null;

    this.fTranslate    = ParamPopupTranslateFunc;
    this.fFormat       = ParamPopupFormatFunc;
    this.fEventString  = WWHPopup_EventString;
    this.fDivTagText   = WWHPopup_DivTagText;
    this.fShow         = WWHPopup_Show;
    this.fPositionPopup = WWHPopup_PositionPopup;
    this.fPopup        = WWHPopup_Popup;
    this.fHide         = WWHPopup_Hide;
}

function WWHPopup_EventString()
{
    var EventString = "null";
    var Browser = WWHFrame.WWHBrowser.mBrowser;
```

```

// Set event string based on browser type
//
if ((Browser == 1) || // Shorthand for Netscape
    (Browser == 2) || // Shorthand for IE
    (Browser == 4) || // Shorthand for Netscape 6.0 (Mozilla)
    (Browser == 5)) // Shorthand for Safari
{
    EventString = "event";
}
else
{
    EventString = "null";
}

return EventString;
}

function WWHPopup_DivTagText()
{
    var DivTagText = "";
    var Browser = WWHFrame.WWHBrowser.mBrowser;
    var VisibleAttribute = "visibility: hidden";

    // Update VisibleAttribute based on browser
    //
    if ((Browser == 2) || // Shorthand for Internet Explorer
        (Browser == 3) || // Shorthand for iCab
        (Browser == 4) || // Shorthand for Netscape 6.0 (Mozilla)
        (Browser == 5)) // Shorthand for Safari
    {
        VisibleAttribute += " ; display: none";
    }

    // Open DIV tag
    //
    DivTagText += "<div id=\"\" + this.mDivID + \"\" style=\"position: absolute ; z-
index: 1 ; \" + VisibleAttribute + \" ; top: 0px ; left: 0px\">\n";

    // Expand out popup in browsers that support innerHTML accessor
    //
    if ((Browser == 2) || // Shortcut for IE
        (Browser == 3) || // Shortcut for iCab
        (Browser == 4) || // Shorthand for Netscape 6.0 (Mozilla)
        (Browser == 5)) // Shorthand for Safari
    {
        DivTagText += this.fFormat(this.mWidth, this.mTextID,
                                "Popup");
    }

    // Close out DIV tag
    //
    DivTagText += "</div>\n";

    return DivTagText;
}

function WWHPopup_Show(ParamText,
                       ParamEvent)
{
    var Browser = WWHFrame.WWHBrowser.mBrowser;
    var bStartTimer = false;
    var PopupDocument = eval(this.mWindowRef + ".document");
    var TranslatedText;

    // Reset the timeout operation to display the popup
    //
    if (this.mSetTimeoutID != null)
    {
        clearTimeout(this.mSetTimeoutID);
    }
}

```

```

    this.mSetTimeoutID = null;
}
// Check to see if there is anything to display
//
if ((ParamText != null) &&
    (ParamEvent != null))
{
    if (Browser == 1) // Shorthand for Netscape 4.x
    {
        this.mPositionX = ParamEvent.layerX;
        this.mPositionY = ParamEvent.layerY;

        this.mText = ParamText;

        bStartTimer = true;
    }
    else if (Browser == 2) // Shorthand for IE
    {
        if ((typeof(PopupDocument.documentElement) != "undefined") &&
            (typeof(PopupDocument.documentElement.clientWidth) != "undefined") &&
            (typeof(PopupDocument.documentElement.clientHeight) != "undefined") &&
            ((PopupDocument.documentElement.scrollLeft != 0) ||
             (PopupDocument.documentElement.scrollTop != 0)))
        {
            this.mPositionX = PopupDocument.documentElement.scro...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46127]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/camOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 38216
Date: Tue, 25 Sep 2012 20:31:14 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"38216-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHRelatedTopics_Object()
{
    this.mRelatedTopicList = new Array();
    this.mPopup = new WWHPopup_Object("WWHFrame.WWHRelatedTopics.mPopup",
    ("WWHDocumentFrame"), WWHFrame.WWHHelp.fGetFrameReference
    WWHRelatedTopicsPopup_Translate,
    WWHRelatedTopicsPopup_Format,
    "WWHRelatedTopicsDIV",
    WWHRelatedTopicsText", 10, 0, 0,
    WWHFrame.WWHHelp.mSettings.mRelatedTopics.mwidth);

    this.fHasRelatedTopics = WWHRelatedTopics_HasRelatedTopics;
    this.fClear = WWHRelatedTopics_Clear;
    this.fAdd = WWHRelatedTopics_Add;
    this.fHTML = WWHRelatedTopics_HTML;
    this.fDisplayTopic = WWHRelatedTopics_DisplayTopic;
    this.fShow = WWHRelatedTopics_Show;
    this.fShowAtEvent = WWHRelatedTopics_ShowAtEvent;
    this.fHide = WWHRelatedTopics_Hide;
    this.fInlineHTML = WWHRelatedTopics_InlineHTML;
    this.fPopupHTML = WWHRelatedTopics_PopupHTML;
}

function WWHRelatedTopics_HasRelatedTopics()
{
    var bVarHasRelatedTopics = false;

    if (this.mRelatedTopicList.length > 0)
    {
        bVarHasRelatedTopics = true;
    }

    return bVarHasRelatedTopics;
}

function WWHRelatedTopics_Clear()
{
    this.mRelatedTopicList.length = 0;
}

function WWHRelatedTopics_Add(ParamText,
    ParamContext,
    ParamFileURL)
{
    this.mRelatedTopicList[this.mRelatedTopicList.length] = new
    WWHRelatedTopicEntry_Object(ParamText, ParamContext, ParamFileURL);
```

```

}

function WWHRelatedTopics_HTML()
{
    var HTML = new WWHStringBuffer_Object();
    var Settings = WWHFrame.WWHHelp.mSettings.mRelatedTopics;
    var FontFamily = "";
    var FontSize;
    var MaxIndex;
    var Index;
    var ContextBook;

    if ( ! WWHFrame.WWHBrowser.mbSupportsPopups)
    {
        // Determine font family if running Netscape 4.x
        // Required due to errors processing style attributes
        //
        if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape 4.x
        {
            FontFamily = WWHStringUtilities_ExtractStyleAttribute("font-family",
Settings.mInlineFontStyle);
            FontSize = WWHStringUtilities_ExtractStyleAttribute("font-size",
Settings.mInlineFontStyle);
        }
    }

    for (MaxIndex = this.mRelatedTopicList.length, Index = 0 ; Index < MaxIndex ;
Index++)
    {
        ContextBook = WWHFrame.WWHHelp.mBooks.fGetContextBook(this.mRelatedTopicList
[Index].mContext);
        if (ContextBook != null)
        {
            if (WWHFrame.WWHBrowser.mbSupportsPopups)
            {
                HTML.fAppend("<table width=\"100%\" border=\"0\" cellpadding=\"0\"
cellspacing=\"2\">");
                HTML.fAppend("<tr>");
                HTML.fAppend("<td width=\"17\" valign=\"middle\">");
                HTML.fAppend("<a");
                HTML.fAppend(" href=\"javascript:WWHFrame.WWHRelatedTopics.fDisplayTopic(" +
Index +
");\">");
                HTML.fAppend("<img border=\"0\" src=\"\" + WWHFrame.WWHHelp.mHelpURLPrefix +
\"wwhelp/wwhimpl/common/images/doc.gif\" width=\"17\" height=\"17\">");
                HTML.fAppend("</a>");
                HTML.fAppend("</td>");
                HTML.fAppend("<td width=\"100%\" align=\"left\" valign=\"middle\">");
                HTML.fAppend("<a");
                HTML.fAppend(" href=\"javascript:WWHFrame.WWHRelatedTopics.fDisplayTopic(" +
Index +
");\"");
                HTML.fAppend(" style=\"text-decoration: none ; color: " +
Settings.mForegroundColor + " ; " + Settings.mFontStyle + "\">");
                HTML.fAppend(this.mRelatedTopicList[Index].mText);
                HTML.fAppend("</a>");
                HTML.fAppend("</td>");
                HTML.fAppend("</tr>");
                HTML.fAppend("</table>\n");
            }
            else
            {
                if (HTML.fSize() == 0)
                {
                    HTML.fAppend("<ul>\n");
                }

                HTML.fAppend("<li>");
                if (FontFamily.length > 0)
                {
                    HTML.fAppend("<font face=\"\" + FontFamily + \"\" point-size=\"\" + FontSize
+ \"\" color=\"\" + Settings.mForegroundColor + \"\">");
                }
            }
        }
    }
}

```

HTM...

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38244]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webhelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 15579
Date: Tue, 25 Sep 2012 19:41:10 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"15579-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHStringUtilities_GetBaseURL(ParamURL)
```

```

{
var   BaseURL;
var   Parts;

// Remove URL parameters
//
BaseURL = ParamURL;
if (BaseURL.indexOf("?") != -1)
{
    Parts = BaseURL.split("?");
    BaseURL = Parts[0];
}

// Trim down to last referenced directory
//
BaseURL = ParamURL.substring(0, ParamURL.lastIndexOf("/"));

// Attempt to match known WWHelp directories
//
Parts = BaseURL.split("/wwhelp/wwhimpl/common/html");
if (Parts[0] == BaseURL)
{
    Parts = BaseURL.split("/wwhelp/wwhimpl/js/html");
}

// Append trailing slash for this directory
//
BaseURL = Parts[0] + "/";

return BaseURL;
}

function   WWHStringUtilities_SearchReplace(ParamString,
                                           ParamSearchString,
                                           ParamReplaceString)
{
var   ResultString;
var   Index;

ResultString = ParamString;

if ((ParamSearchString.length > 0) &&
    (ResultString.length > 0))
{
    Index = 0;
    while ((Index = ResultString.indexOf(ParamSearchString, Index)) != -1)
    {
        ResultString = ResultString.substring(0, Index) + ParamReplaceString +
ResultString.substring(Index + ParamSearchString.length, ResultString.length);
        Index += ParamReplaceString.length;
    }
}

return ResultString;
}

function   WWHStringUtilities_FormatMessage(ParamMessage,
                                           ParamReplacement1,
                                           ParamReplacement2,
                                           ParamReplacement3,
                                           ParamReplacement4)
{
var   VarFormattedMessage;
var   VarSearchString;
var   VarReplacementStringIndex;
var   VarIndex;
var   VarReplacementString;

VarFormattedMessage = ParamMessage;

```

```

    if (VarFormattedMessage.length > 0)
    {
        VarSearchString = "%s";
        VarReplacementStringIndex = 1;
        VarIndex = 0;
        while ((VarIndex = VarFormattedMessage.indexOf(VarSearchString, VarIndex)) != -
1)
        {
            VarReplacementString = null;
            if (VarReplacementStringIndex <= 4)
            {
                VarReplacementString = eval("ParamReplacement" + VarReplacementStringIndex);
            }

            if ((typeof(VarReplacementString) != "undefined") &&
                (VarReplacementString != null))
            {
                VarFormattedMessage = VarFormattedMessage.substring(0, VarIndex) +
VarReplacementString + VarFormattedMessage.substring(VarIndex +
VarSearchString.length, VarFormattedMessage.length);

                VarIndex += VarReplacementString.length;
            }
            else
            {
                VarIndex += VarSearchString.length;
            }

            VarReplacementStringIndex += 1;
        }
    }

    return VarFormattedMessage;
}

function WWHStringUtilities_EscapeHTML(ParamHTML)
{
    var EscapedHTML = ParamHTML;

    // Escape problematic characters
    // & < > "
    //
    EscapedHTML = WWHStringUtilities_SearchReplace(EscapedHTML, "&", "&amp;");
    EscapedHTML = WWHStringUtilities_SearchReplace(EscapedHTML, "<", "&lt;");
    EscapedHTML = WWHStringUtilities_SearchReplace(EscapedHTML, ">", "&gt;");
    EscapedHTML = WWHStringUtilities_SearchReplace(EscapedHTML, "\"", "&quot;");

    return EscapedHTML;
}

function WWHStringUtilities_UnescapeHTML(ParamHTML)
{
    var Text = ParamHTML;
    var EscapedExpression;
    var EscapedCharacterMatches;
    var EscapeSequence;
    var CharacterCode;
    var JavaScriptCharacter;

    // Unescape problematic characters
    //
    // & < > "
    //
    Text = WWHStringUtilities_SearchReplace(Text, "&amp;", "&");
    Text = WWHStringUtilities_SearchReplace(Text, "&lt;", "<");
    Text = WWHStringUtilities_SearchReplace(Text, "&gt;", ">");
    Text = WWHStringUtilities_SearchReplace(Text, "&quot;", "\"");

    // If any still exist, replace them with normal character
    //

```

```
if (Text.indexOf("&#") != -1)
{
    EscapedExpression = new RegExp("&#[0-9]+");
    EscapedCharacterMatches = EscapedExpression.exec(Text)
    while (EscapedCharacterMatches != null)
    {
        EscapeSequence = EscapedCharacterMatches[0];
        CharacterCode = parseInt(EscapedCharacterMatches[1])...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=38263]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js
HTTP/1.1
Cookie: switchmenu=; JSESSIONID=3C9F50A125F1E53733D2653CF6C21DF1;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5946
Date: Tue, 25 Sep 2012 19:41:11 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5946-1347465170000"
```

Last-Modified: Wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.  
//
```

```
function WWHSwitch_Object()  
{  
  this.mParameters      = "";  
  this.mImplementation = "javascript";  
  this.mSettings        = new WWHCommonSettings_Object();  
  this.mMessages        = new WWHCommonMessages_Object();  
  
  this.fExec            = WWHSwitch_Exec;  
  this.fParseURLParameters = WWHSwitch_ParseURLParameters;  
  this.fProcessURL      = WWHSwitch_ProcessURL;  
  this.fSwitch          = WWHSwitch_Switch;  
  
  // Load up messages  
  //  
  this.mMessages.fSetByLocale(WWHFrame.WWHBrowser.mLocale);  
}  
  
function WWHSwitch_Exec(bParamNormalizeURL,  
                        ParamURL)  
{  
  var TargetURL = ParamURL;  
  var FrameSetURL = "";  
  
  // Determine cookie path  
  //  
  WWHFrame.WWHBrowser.fSetCookiePath(WWHStringUtilities_GetBaseURL(ParamURL));  
  
  // Normalize URL if necessary  
  //  
  if (bParamNormalizeURL)  
  {  
    TargetURL = WWHFrame.WWHBrowser.fNormalizeURL(ParamURL);  
  }  
  
  // Process parameters  
  //  
  this.fProcessURL(TargetURL);  
  
  // Pick frameset to use  
  //  
  if (this.mImplementation == "single")  
  {  
    FrameSetURL = "../common/html/wwhelp.htm";  
  }  
  else  
  {  
    FrameSetURL = "../js/html/wwhelp.htm";  
  }  
  
  // Switch to frameset  
  //  
  this.fSwitch(FrameSetURL);  
}  
  
function WWHSwitch_ParseURLParameters(ParamURL)  
{  
  var Result = new Array(null, null, null, "");  
  var Parts;  
  var MaxIndex;  
  var Index;  
  var SingleMarker = "single=";  
  var ForceJSMarker = "forcejs=";  
  var AccessibleMarker = "accessible=";  
  var Value;
```

```

// Parse URL parameters
//
if (ParamURL.indexOf("?") != -1)
{
    // Get parameters
    //
    Parts = ParamURL.split("?");
    Parts[0] = Parts[1];
    Parts.length = 1;
    if (Parts[0].indexOf("&") != -1)
    {
        Parts = Parts[0].split("&");
    }

    // Process parameters, preserve non-switch related options
    //
    for (MaxIndex = Parts.length, Index = 0 ; Index < MaxIndex ; Index++)
    {
        if (Parts[Index].indexOf(SingleMarker) == 0)
        {
            value = Parts[Index].substring(SingleMarker.length, Parts[Index].length);

            if (value == "true")
            {
                Result[0] = true;
            }
        }
        else if (Parts[Index].indexOf(ForceJSMarker) == 0)
        {
            value = Parts[Index].substring(ForceJSMarker.length, Parts[Index].length);

            if (value == "true")
            {
                Result[1] = true;
            }
        }
        else if (Parts[Index].indexOf(AccessibleMarker) == 0)
        {
            value = Parts[Index].substring(AccessibleMarker.length, Parts
[Index].length);

            if ((value == "true") ||
                (value == "false") ||
                (value == "ask"))
            {
                Result[2] = value;
            }
        }
        else
        {
            if (Result[3].length > 0)
            {
                Result[3] += "&";
            }
            Result[3] += Parts[Index];
        }
    }
}

return Result;
}

function WWHSwitch_ProcessURL(ParamURL)
{
    var VarURLParameters;
    var VarURLParam_Single;
    var VarURLParam_ForceJS;
    var VarURLParam_Accessible;
    var VarAccessibleCookie = "WWH" + this.mSettings.mCookiesID + "_Acs";
    var VarAccessible;

```

```

var VarImplementation;

// Parse URL parameters
//
VarURLParameters = this.fParseURLParameters(ParamURL);
VarURLParam_Single = VarURLParameters[0];
VarURLParam_ForceJS = VarURLParameters[1];
VarURLParam_Accessible = VarURLParameters[2];
this.mParameters = VarURLParameters[3];

// Check for accessibility support
//
VarAccessible = "false";
if ((this.mSettings.mAccessible == "true") ||
    (VarURLParam_Accessible == "true"))
{
    VarAccessible = "true";
}
else if ((this.mSettings.mAccessible == "ask") ||
    (VarURLParam_Accessible == "ask"))
{
    // Attempt to retrieve setting from cookies, if allowed
    //
    VarAccessible = "ask";
    if (this.mSettings.mbCookies)
    {
        VarAccessible = WWHFrame.WWHBrowser.fGetCookie(VarAccessibleCookie);
        if (VarAccessible == null)
        {
            VarAccessible = "ask";
        }
    }

    // Ask if cookie not set...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46483]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-qa.nci.nih.gov/camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2074
Date: Tue, 25 Sep 2012 20:39:21 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"2074-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN" "http://www.w3.org/TR/REC-
html40/frameset.dtd">
<html>
<!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
<head>
<meta http-equiv="content-type" content="text/html">
<meta http-equiv="charset" content="UTF-8">
<!-- MOTW-DISABLED saved from url=(0014)about:internet -->
<title>navigation.htm</title>
<script type="text/javascript" language="JavaScript1.2">
<!--
// Set reference to top level help frame
//
var WWHFrame = eval("parent");

// Netscape Resize Fix
//
function WWHNavigationFrame_HandleResize()
{
    if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape
    {
        WWHFrame.WWHJavaScript.mPanels.fSaveScrollPosition();
    }
}
```

```

        WWHFrame.WWHHelp.fReloadLocation("WWHTabsFrame");
        WWHFrame.WWHHelp.fReloadLocation("WWHPanelFrame");
    }
}

function WWHNavigationFrame_HandleKeyDown(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyDown(ParamEvent);
}

function WWHNavigationFrame_HandleKeyPress(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyPress(ParamEvent);
}

function WWHNavigationFrame_HandleKeyUp(ParamEvent)
{
    return WWHFrame.WWHHelp.fHandleKeyUp(ParamEvent);
}
// -->
</script>
</head>

<frameset rows="36,*" border="0" frameborder="0" framespacing="0"
onResize="WWHNavigationFrame_HandleResize();"
onKeyDown="WWHNavigationFrame_HandleKeyDown
((document.all||document.getElementById|document.layers)?event:null);"
onKeyPress="WWHNavigationFrame_HandleKeyPress
((document.all||document.getElementById|document.layers)?event:null);"
onKeyUp="WWHNavigationFrame_HandleKeyUp
((document.all||document.getElementById|document.layers)?event:null);">
    <frame name="" src="../../common/html/blank.htm" scrolling="no" frameborder="0"
marginwidth="0" marginheight="0">
    <frame name="" src="../../common/html/blank.htm" scrolling="auto" frameborder="0">
</frameset>
</html>

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=45877]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm HTTP/1.1
Cookie: switchmenu=; JSESSIONID=38F5CE4EF79C7690EDF031E9A70DCDD8;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Referer: https://cancermodels-qa.nci.nih.gov/camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5722
Date: Tue, 25 Sep 2012 20:24:24 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5722-1347465170000"
Last-Modified: wed, 12 Sep 2012 15:52:50 GMT
Content-Type: text/html
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Frameset//EN" "http://www.w3.org/TR/REC-
html40/frameset.dtd">
<html>
  <!-- Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved. -->
  <head>
    <meta http-equiv="content-type" content="text/html">
    <meta http-equiv="charset" content="UTF-8">
    <!-- MOTW-DISABLED saved from url=(0014)about:internet -->
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/private/title.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/private/popupf.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/private/options.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/private/locale.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/scripts/browser.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/scripts/popup.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
src="../../common/scripts/filelist.js"></script>
    <script type="text/javascript" language="JavaScript1.2"
```

```

src="../../../common/scripts/booklist.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/bookgrps.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/help.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/controls.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/related.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/strutils.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../../common/scripts/highlt.js"></script>

<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/handler.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../private/options.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../private/locale.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/tabs.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/outline.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/outlSAFE.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/outlFAST.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/index.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/pairs.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/phrase.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/mltphrs.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/search.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/favorite.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/panels.js"></script>
<script type="text/javascript" language="JavaScript1.2"
src="../../scripts/javascpT.js"></script>

<script type="text/javascript" language="JavaScript1.2">
<!--
// Set reference to top level help frame
//
var WWHFrame = eval("window.self");
window.name = "WWHFrame";

// Create browser info object
//
var WWHBrowser = new WWHBrowser_Object();

// Create new help object
//
var WWHHelp = new WWHHelp_Object(location.href);

// Create controls object
//
var WWHControls = new WWHControls_Object();

// Create related topics object
//
var WWHRelatedTopics = new WWHRelatedTopics_Object();

// Create alinks object
//
var WWHALinks = new WWHALinks_Object();

```

```
// Create highlight words object
//
var wwhhighlightwords = new wwhhighlightwords_object();

// Create new handler object
//
var wwhhandler = new wwhhandler_object...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46194]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validuserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2836
Date: Tue, 25 Sep 2012 20:31:16 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"2836-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
```

X-Pad: avoid browser bug

```
// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved.
//

function WWHJavaScriptSettings_Object()
{
    this.mHoverText = new WWHJavaScriptSettings_HoverText_Object();

    this.mTabs      = new WWHJavaScriptSettings_Tabs_Object();
    this.mTOC       = new WWHJavaScriptSettings_TOC_Object();
    this.mIndex     = new WWHJavaScriptSettings_Index_Object();
    this.mSearch    = new WWHJavaScriptSettings_Search_Object();
    this.mFavorites = new WWHJavaScriptSettings_Favorites_Object();
}

function WWHJavaScriptSettings_HoverText_Object()
{
    this.mEnabled = true;

    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
8pt";

    this.mwidth = 150;

    this.mForegroundColor = "#000000";
    this.mBackgroundColor = "#FFFFCC";
    this.mBorderColor     = "#999999";
}

function WWHJavaScriptSettings_Tabs_Object()
{
    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
9pt ; font-weight: normal";

    this.mSelectedTabForegroundColor = "#FFFFFF";

    this.mDefaultTabForegroundColor = "#666666";
}

function WWHJavaScriptSettings_TOC_Object()
{
    this.mShow = true;

    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
8pt";

    this.mHighlightColor = "#CCCCCC";
    this.mEnabledColor   = "#315585";
    this.mDisabledColor  = "black";

    this.mIndent = 17;
}

function WWHJavaScriptSettings_Index_Object()
{
    this.mShow = true;

    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
8pt";

    this.mHighlightColor = "#CCCCCC";
    this.mEnabledColor   = "#315585";
    this.mDisabledColor  = "black";

    this.mIndent = 17;

    this.mNavigationFontStyle = "font-family: Verdana, Arial, Helvetica, sans-
serif ; font-size: 7pt ; font-weight: bold";
    this.mNavigationCurrentColor = "black";
    this.mNavigationHighlightColor = "#CCCCCC";
    this.mNavigationEnabledColor = "#315585";
}
```

```
    this.mNavigationDisabledColor = "#999999";
}

function WWJavaScriptSettings_Index_DisplayOptions(ParamIndexOptions)
{
    ParamIndexOptions.fSetThreshold(500);
    ParamIndexOptions.fSetSeperator(" - ");
}

function WWJavaScriptSettings_Search_Object()
{
    this.mbShow = true;

    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
8pt";

    this.mHighlightColor = "#CCCCCC";
    this.mEnabledColor = "#315585";
    this.mDisabledColor = "black";

    this.mbResultsByBook = true;
    this.mbShowRank = true;
}

function WWJavaScriptSettings_Favorites_Object()
{
    this.mbShow = true;

    this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size:
8pt";

    this.mHighlightColor = "#CCCCCC";
    this.mEnabledColor = "#315585";
    this.mDisabledColor = "black";
}
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46425]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 22469
Date: Tue, 25 Sep 2012 20:39:19 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"22469-1347465222000"
Last-Modified: Wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2005-2005 Quadralay Corporation. All rights reserved.
//
```

```
function WWHFavorites_Object()
{
    this.mbPanelInitialized = false;
    this.mPanelAnchor       = null;
    this.mPanelTabTitle     = WWHFrame.WWHJavaScript.mMessages.mTabsFavoritesLabel;
    this.mPanelTabIndex     = -1;
    this.mPanelFilename     = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfnf.htm" :
"panelfsf.htm");
    this.mEventString       = WWHPopup_EventString();
    this.mFavorites         = new Array();
    this.mCurrent           = new WWHFavoritesEntry_Object(-1, -1, "");
    this.mDisplayIndex      = 0;
    this.mHTMLSegment       = new WWHStringBuffer_Object();

    this.fInitHeadHTML     = WWHFavorites_InitHeadHTML;
    this.fInitBodyHTML     = WWHFavorites_InitBodyHTML;
    this.fNavigationHeadHTML = WWHFavorites_NavigationHeadHTML;
    this.fNavigationBodyHTML = WWHFavorites_NavigationBodyHTML;
    this.fHeadHTML         = WWHFavorites_HeadHTML;
    this.fStartHTMLSegments = WWHFavorites_StartHTMLSegments;
    this.fAdvanceHTMLSegment = WWHFavorites_AdvanceHTMLSegment;
    this.fGetHTMLSegment   = WWHFavorites_GetHTMLSegment;
    this.fEndHTMLSegments  = WWHFavorites_EndHTMLSegments;
    this.fPanelNavigationLoaded = WWHFavorites_PanelNavigationLoaded;
    this.fPanelViewLoaded  = WWHFavorites_PanelViewLoaded;
```

```

this.fHoverTextTranslate      = WWHFavorites_HoverTextTranslate;
this.fHoverTextFormat        = WWHFavorites_HoverTextFormat;
this.fGetPopupAction         = WWHFavorites_GetPopupAction;
this.fReadCookie             = WWHFavorites_ReadCookie;
this.fWriteCookie            = WWHFavorites_WriteCookie;
this.fClearCurrent           = WWHFavorites_ClearCurrent;
this.fSetCurrent              = WWHFavorites_SetCurrent;
this.fRecorded                = WWHFavorites_Recorded;
this.fAdd                     = WWHFavorites_Add;
this.fRemove                  = WWHFavorites_Remove;
this.fClickedAdd              = WWHFavorites_ClickedAdd;
this.fClickedRemove          = WWHFavorites_ClickedRemove;
this.fClickedEntry            = WWHFavorites_ClickedEntry;
}

function WWHFavorites_InitHeadHTML()
{
    return "";
}

function WWHFavorites_InitBodyHTML()
{
    this.mHTMLSegment.fReset();

    // Display initializing message
    //
    this.mHTMLSegment.fAppend("<h2>" +
WWHFrame.WWHJavaScript.mMessages.mInitializingMessage + "</h2>\n");

    // Read cookie
    //
    this.fReadCookie();

    // Initialized!
    //
    this.mbPanelInitialized = true;

    return this.mHTMLSegment.fGetBuffer();
}

function WWHFavorites_NavigationHeadHTML()
{
    var Settings = WWHFrame.WWHJavaScript.mSettings.mFavorites;

    this.mHTMLSegment.fReset()

    // Generate style section
    //
    this.mHTMLSegment.fAppend("<style type=\"text/css\">\n");
    this.mHTMLSegment.fAppend("<!--\n");
    this.mHTMLSegment.fAppend("  div\n");
    this.mHTMLSegment.fAppend("  {\n");
    this.mHTMLSegment.fAppend("    margin-top: 1pt;\n");
    this.mHTMLSegment.fAppend("    margin-bottom: 1pt;\n");
    this.mHTMLSegment.fAppend("    " + Settings.mFontStyle + ";\n");
    this.mHTMLSegment.fAppend("  }\n");
    this.mHTMLSegment.fAppend("-->\n");
    this.mHTMLSegment.fAppend("</style>\n");

    return this.mHTMLSegment.fGetBuffer();
}

function WWHFavorites_NavigationBodyHTML()
{
    var VarOnSubmitAttribute;
    var VarButtonLabel;

    this.mHTMLSegment.fReset();

    // Current valid and/or known?
    //
    if ((this.mCurrent.mBookIndex >= 0) &&

```

```

        (this.mCurrent.mFileIndex >= 0))
    {
        // Recorded?
        //
        if (this.fRecorded(this.mCurrent.mBookIndex,
            this.mCurrent.mFileIndex))
        {
            VarOnSubmitAttribute = " onSubmit=\"wwHFrame.WWHFavorites.fClickedRemove
()\"";
            VarButtonLabel = WWHFrame.WWHJavaScript.mMessages.mFavoritesRemoveButtonLabel;
        }
        else
        {
            VarOnSubmitAttribute = " onSubmit=\"wwHFrame.WWHFavorites.fClickedAdd()\"";
            VarButtonLabel = WWHFrame.WWHJavaScript.mMessages.mFavoritesAddButtonLabel;
        }

        this.mHTMLSegment.fAppend("<form name=\"WWHFavoritesForm\" " +
VarOnSubmitAttribute + ">\n");
        this.mHTMLSegment.fAppend(" <table width=\"100%\" border=\"0\" cellpadding=\"0\"
cellspacing=\"4px\">\n");...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46166]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```

GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*

```

Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov

HTTP/1.1 200 OK
Content-Length: 10513
Date: Tue, 25 Sep 2012 20:31:15 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"10513-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript

// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//

```
function WWHandler_Object()
{
    this.mbInitialized = false;

    this.fInit          = WWHandler_Init;
    this.fFinalize      = WWHandler_Finalize;
    this.fGetFrameReference = WWHandler_GetFrameReference;
    this.fGetFrameName  = WWHandler_GetFrameName;
    this.fIsReady       = WWHandler_IsReady;
    this.fUpdate        = WWHandler_Update;
    this.fSyncTOC       = WWHandler_SyncTOC;
    this.fFavoritesCurrent = WWHandler_FavoritesCurrent;
    this.fProcessAccessKey = WWHandler_ProcessAccessKey;
    this.fGetCurrentTab = WWHandler_GetCurrentTab;
    this.fSetCurrentTab  = WWHandler_SetCurrentTab;
}

function WWHandler_Init()
{
    WWHFrame.WWHJavaScript.fInit();
}

function WWHandler_Finalize()
{
    var VarImageDirectory = WWHFrame.WWHHelp.mHelpURLPrefix +
"wwhelp/wwhimpl/js/images";
    var VarImage = new Image();

    // Preload graphics
    //
    VarImage.src = VarImageDirectory + "/btn_bg.gif";
    VarImage.src = VarImageDirectory + "/btn_bgx.gif";
    VarImage.src = VarImageDirectory + "/btn_e.gif";
    VarImage.src = VarImageDirectory + "/btn_ex.gif";
    VarImage.src = VarImageDirectory + "/btn_n.gif";
    VarImage.src = VarImageDirectory + "/btn_ne.gif";
    VarImage.src = VarImageDirectory + "/btn_nex.gif";
    VarImage.src = VarImageDirectory + "/btn_nw.gif";
    VarImage.src = VarImageDirectory + "/btn_nwx.gif";
    VarImage.src = VarImageDirectory + "/btn_nx.gif";
    VarImage.src = VarImageDirectory + "/btn_s.gif";
    VarImage.src = VarImageDirectory + "/btn_se.gif";
    VarImage.src = VarImageDirectory + "/btn_sex.gif";
    VarImage.src = VarImageDirectory + "/btn_sw.gif";
    VarImage.src = VarImageDirectory + "/btn_swx.gif";
    VarImage.src = VarImageDirectory + "/btn_sx.gif";
    VarImage.src = VarImageDirectory + "/btn_w.gif";
    VarImage.src = VarImageDirectory + "/btn_wx.gif";
    VarImage.src = VarImageDirectory + "/navbg.gif";
    VarImage.src = VarImageDirectory + "/spc_e.gif";
    VarImage.src = VarImageDirectory + "/spc_n.gif";
    VarImage.src = VarImageDirectory + "/spc_s.gif";
    VarImage.src = VarImageDirectory + "/spc_sx.gif";
    VarImage.src = VarImageDirectory + "/spc_tab1.gif";
```

```

VarImage.src = VarImageDirectory + "/spc_tabm.gif";
VarImage.src = VarImageDirectory + "/spc_tabr.gif";
VarImage.src = VarImageDirectory + "/spc_top.gif";
VarImage.src = VarImageDirectory + "/spc_topx.gif";
VarImage.src = VarImageDirectory + "/spc_w.gif";
VarImage.src = VarImageDirectory + "/viewbg.gif";

// Display tab and panel
//
if (WWHFrame.WWHHelp.mInitialTabName != null)
{
    WWHFrame.WWHJavaScript.fStartChangeTab(WWHFrame.WWHJavaScript.mInitialTab);
}
else
{
    WWHFrame.WWHJavaScript.fClickedChangeTab(WWHFrame.WWHJavaScript.mInitialTab);
}
}

function WWHHandler_GetFrameReference(ParamFrameName)
{
    var VarFrameReference;

    switch (ParamFrameName)
    {
        case "WWHTabsFrame":
            // WWHFrame.WWHNavigationFrame.WWHTabsFrame
            //
            VarFrameReference = WWHFrame.WWHHelp.fGetFrameReference("WWHNavigationFrame")
+ ".frames[0]";
            break;

        case "WWHPanelFrame":
            // WWHFrame.WWHNavigationFrame.WWHPanelFrame
            //
            VarFrameReference = WWHFrame.WWHHelp.fGetFrameReference("WWHNavigationFrame")
+ ".frames[1]";
            break;

        case "WWHPanelNavigationFrame":
            // WWHFrame.WWHNavigationFrame.WWHPanelFrame.WWHPanelNavigationFrame
            //
            VarFrameReference = WWHFrame.WWHHelp.fGetFrameReference("WWHPanelFrame") +
".frames[0]";
            break;

        case "WWHPanelViewFrame":
            // WWHFrame.WWHNavigationFrame.WWHPanelFrame.WWHPanelViewFrame
            //
            if (WWHFrame.WWHJavaScript.mPanels.fGetCurrentPanelObject().mPanelFilename ==
"panelvie.htm")
            {
                VarFrameReference = WWHFrame.WWHHelp.fGetFrameReference("WWHPanelFrame");
            }
            else
            {
                VarFrameReference = WWHFrame.WWHHelp.fGetFrameReference("WWHPanelFrame") +
".frames[1]";
            }
            break;
        }
    }

    return VarFrameReference;
}

function WWHHandler_GetFrameName(ParamFrameName)
{
    var VarName = null;

    // Determine name for this frame

```

```
//
switch (ParamFrameName)
{
  ca...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46328]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=9E8500454DF268CC95FAA6AE564CEA1E;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 44159
Date: Tue, 25 Sep 2012 20:31:20 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"44159-1347465222000"
Last-Modified: Wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```

function WWIndex_Object()
{
  this.mbPanelInitialized = false;
  this.mPanelAnchor      = null;
  this.mPanelTabTitle    = WWHFrame.WWHJavaScript.mMessages.mTabsIndexLabel;
  this.mPanelTabIndex    = -1;
  this.mPanelFilename    = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfni.htm" :
"panelfsi.htm");
  this.mInitIndex        = 0;
  this.mOptions          = new WWIndexOptions_Object();
  this.mTopEntry         = new WWIndexEntry_Object(false, -1, null);
  this.mMaxLevel         = 0;
  this.mEntryCount       = 0;
  this.mSeeAlsoArray     = new Array();
  this.mSectionIndex     = 0;
  this.mbThresholdExceeded = null;
  this.mSectionCache     = new WWHSectionCache_Object();
  this.mIterator         = new WWIndexIterator_Object();
  this.mHTMLSegment     = new WWHStringBuffer_Object();
  this.mEventString      = WWHPopup_EventString();
  this.mClickedEntry     = null;

  this.fInitHeadHTML    = WWIndex_InitHeadHTML;
  this.fInitBodyHTML    = WWIndex_InitBodyHTML;
  this.fInitLoadBookIndex = WWIndex_InitLoadBookIndex;
  this.fAddSeeAlsoEntry = WWIndex_AddSeeAlsoEntry;
  this.fProcessSeeAlsoEntries = WWIndex_ProcessSeeAlsoEntries;
  this.fNavigationHeadHTML = WWIndex_NavigationHeadHTML;
  this.fNavigationBodyHTML = WWIndex_NavigationBodyHTML;
  this.fHeadHTML        = WWIndex_HeadHTML;
  this.fStartHTMLSegments = WWIndex_StartHTMLSegments;
  this.fAdvanceHTMLSegment = WWIndex_AdvanceHTMLSegment;
  this.fGetHTMLSegment  = WWIndex_GetHTMLSegment;
  this.fEndHTMLSegments = WWIndex_EndHTMLSegments;
  this.fPanelNavigationLoaded = WWIndex_PanelNavigationLoaded;
  this.fPanelViewLoaded  = WWIndex_PanelViewLoaded;
  this.fHoverTextTranslate = WWIndex_HoverTextTranslate;
  this.fHoverTextFormat  = WWIndex_HoverTextFormat;
  this.fGetPopupAction    = WWIndex_GetPopupAction;
  this.fThresholdExceeded = WWIndex_ThresholdExceeded;
  this.fGetSectionNavigation = WWIndex_GetSectionNavigation;
  this.fDisplaySection    = WWIndex_DisplaySection;
  this.fSelectionListHeadHTML = WWIndex_SelectionListHeadHTML;
  this.fSelectionListBodyHTML = WWIndex_SelectionListBodyHTML;
  this.fSelectionListLoaded = WWIndex_SelectionListLoaded;
  this.fDisplayLink       = WWIndex_DisplayLink;
  this.fGetEntry          = WWIndex_GetEntry;
  this.fClickedEntry      = WWIndex_ClickedEntry;
  this.fClickedSeeAlsoEntry = WWIndex_ClickedSeeAlsoEntry;

  // Set options
  //
  WWHJavaScriptSettings_Index_DisplayOptions(this.mOptions);
}

function WWIndex_InitHeadHTML()
{
  var InitHeadHTML = "";

  return InitHeadHTML;
}

function WWIndex_InitBodyHTML()
{
  var VarHTML = new WWHStringBuffer_Object();
  var VarBookList = WWHFrame.WWHHelp.mBooks.mBookList;
  var VarParameters;

  // workaround Safari reload bug

```

```

//
VarParameters = "";
if (WWHFrame.WWHBrowser.mBrowser == 5) // Shorthand for Safari
{
    VarParameters = "?" + (new Date() * 1);
}

// Display initializing message
//
VarHTML.fAppend("<h2>" + WWHFrame.WWHJavaScript.mMessages.mInitializingMessage +
"</h2>\n");

// Load index data
//
this.mInitIndex = 0;
for (MaxIndex = VarBookList.length, Index = 0 ; Index < MaxIndex ; Index++)
{
    // Reference Index data
    //
    VarHTML.fAppend("<script language=\"JavaScript1.2\" src=\"\" +
WWHFrame.WWHHelp.mHelpURLPrefix + WWHFrame.WWHBrowser.fRestoreEscapedSpaces
(VarBookList[Index].mDirectory) + \"wwhdata/js/index.js\" + VarParameters +
\"\"></script>\n");

    // Load Index data for current book
    //
    VarHTML.fAppend("<script language=\"JavaScript1.2\" src=\"\" +
WWHFrame.WWHHelp.mHelpURLPrefix + \"wwhelp/wwhimpl/js/scripts/index1s.js\" +
VarParameters + \"\"></script>\n");
}

return VarHTML.fGetBuffer();
}

function WWHIndex_InitLoadBookIndex(ParamAddIndexEntriesFunc)
{
    var VarMaxIndex;
    var VarIndex;

    // Load Index
    //
    ParamAddIndexEntriesFunc(this.mTopEntry);

    // Increment init book index
    //
    this.mInitIndex++;

    // Check if done
    //
    if (this.mInitIndex ==...)

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46463]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5452
Date: Tue, 25 Sep 2012 20:39:20 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5452-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHJavaScript_Object()
{
    this.mSettings          = new WWHJavaScriptSettings_Object();
    this.mMessages         = new WWHJavaScriptMessages_Object();
    this.mInitialTab       = -1;
    this.mbClickedChangeTab = false;
    this.mbChangingTabs    = false;
    this.mCurrentTab       = -1;
    this.mPanels           = null;
    this.mTabs             = null;
    this.mMaxHTMLSegmentSize = 8192; // Best tested value is 8192

    this.fInit              = WWHJavaScript_Init;
    this.fClickedChangeTab  = WWHJavaScript_ClickedChangeTab;
    this.fClickedChangeTabwithDelay = WWHJavaScript_ClickedChangeTabwithDelay;
    this.fStartChangeTab   = WWHJavaScript_StartChangeTab;
    this.fEndChangeTab     = WWHJavaScript_EndChangeTab;
    this.fSyncTOC          = WWHJavaScript_SyncTOC;
    this.fFavoritesCurrent = WWHJavaScript_FavoritesCurrent;

    // Load up messages
    //
    this.mMessages.fSetByLocale(WWHFrame.WWHBrowser.mLocale);
}
```

```

// Disable hover text for accessibility or if popups are not supported
//
if (( ! WWHFrame.WWHBrowser.mbSupportsPopups) ||
    (WWHFrame.WWHHelp.mbAccessible))
{
    this.mSettings.mHoverText.mbEnabled = false;
}
}

function WWHJavaScript_Init()
{
    // Create panels and tabs objects
    //
    this.mPanels = new WWHPanels_Object();
    this.mTabs = new WWHTabs_Object(this.mPanels.mPanelEntries.length);

    // Determine initial tab setting
    //
    switch (WWHFrame.WWHHelp.mInitialTabName)
    {
        case "contents":
            this.mInitialTab = WWHFrame.WWHOutline.mPanelTabIndex;
            break;

        case "index":
            this.mInitialTab = WWHFrame.WWHIndex.mPanelTabIndex;
            break;

        case "search":
            this.mInitialTab = WWHFrame.WWHSearch.mPanelTabIndex;
            break;

        case "favorites":
            this.mInitialTab = WWHFrame.WWHFavorites.mPanelTabIndex;
            break;
    }
    if (this.mInitialTab < 0)
    {
        this.mInitialTab = 0;
    }

    // Complete initialization process
    //
    if ( ! WWHFrame.WWHHandler.mbInitialized)
    {
        WWHFrame.WWHHandler.mbInitialized = true;
        WWHFrame.WWHHelp.fHandlerInitialized();
    }
}

function WWHJavaScript_ClickedChangeTab(ParamIndex)
{
    if ( ! this.mbClickedChangeTab)
    {
        // Change tabs
        //
        this.mbClickedChangeTab = true;
        this.fStartChangeTab(ParamIndex);
    }
}

function WWHJavaScript_ClickedChangeTabwithDelay(ParamIndex)
{
    setTimeout("WWHFrame.WWHJavaScript.fClickedChangeTab(" + ParamIndex + ");", 1);
}

function WWHJavaScript_StartChangeTab(ParamIndex)
{
    if (( ! this.mbChangingTabs) &&
        (this.mCurrentTab != ParamIndex))
    {
        // signal that we are changing tabs
    }
}

```

```

    //
    this.mbChangingTabs = true;

    // Update tab index
    //
    this.mCurrentTab = ParamIndex;

    // Update tab frame
    //
    this.mTabs.fReload();
}
}

function WWHJavaScript_EndChangeTab()
{
    if (this.mbClickedChangeTab)
    {
        this.mbClickedChangeTab = false;
    }

    // Signal that the change tab process is complete
    //
    this.mbChangingTabs = false;

    // Perform additional processing if initial tab specified
    //
    if (WWHFrame.WWHHelp.mInitialTabName == "contents")
    {
        WWHFrame.WWHHelp.mInitialTabName = null;
        WWHFrame.WWHHelp.mbAutoSyncTOC = true;
    }
    setTimeout("WWHFrame.WWHHelp.fAutoSyncTOC();", 1);
}

function WWHJavaScript_SyncTOC(ParamBookIndex,
                               ParamFileIndex,
                               ParamAnchor,
                               bParamReportError)
{
    var TabIndex;
    var Index;

    // Confirm TOC is available as a tab
    //
    if (this.mSettings.mTOC.mbShow)
    {
        // Confirm file is part of a known book
        //
        if ((ParamBookIndex >= 0) &&
            (ParamFileIndex >= 0))
        {
            // Determine visibility
            //
            if (this.mPanels.fGetCurrentPanelObject().mPanelTabTitle ==
this.mMessages.mTabsTOCLabel)
            {
                // Sync TOC
                //
                WWHFrame.WWHOutline.fSync(ParamBookIndex, ParamFileIndex, ParamAnchor, true,
bParamReportError);
            }
            else
            {
                ...
            }
        }
    }
}

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46396]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 4508
Date: Tue, 25 Sep 2012 20:39:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"4508-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
function MultiPhrase_Object(ParamText, ParamBookSearchInfoObject)
{
  this.mSearchText = ParamText;
  this.mWords = new Array();
  this.mPhrases = new Array();
  this.mPhraseObjects = new Array();
  this.mMatchRecords = new Array();
  this.mBookSearchInfo = ParamBookSearchInfoObject;
```

```

// Define functions for this Object
//
this.fGetWords          = MultiPhrase_GetWords;
this.fGetPhrases       = MultiPhrase_GetPhrases;
this.fPhraseCount      = MultiPhrase_PhraseCount;
this.fGetMatches       = MultiPhrase_GetMatchingPhrases;
this.fResetMatches     = MultiPhrase_ResetMatches;
this.fCheckForMatch    = MultiPhrase_CheckForMatch;
this.fParse            = MultiPhrase_Parse;
this.t                 = MultiPhrase_Test;
this.fTest             = MultiPhrase_Test;
}

/***** Accessors *****/
// Returns all the search words that are not part of
// phrases and that are valid search terms for the book
//
function MultiPhrase_GetWords()
{
    return this.mWords;
}

// Returns all the phrases that for the current search text
// This includes all stop words. The phrases are as they were
// typed in by the user
//
function MultiPhrase_GetPhrases()
{
    return this.mPhrases;
}

// Returns the count of valid phrases
// If this return value is 0, then no valid phrases exist
//
function MultiPhrase_PhraseCount()
{
    return this.mPhraseObjects.length;
}

// Returns an Array of Phrases that have matched
//
function MultiPhrase_GetMatchingPhrases()
{
    var matchArray = new Array();
    var index;

    for(index = 0; index < this.mPhraseObjects.length; ++index)
    {
        if(this.mPhraseObjects[index].fIsMatch())
        {
            matchArray[matchArray.length] = this.mPhraseObjects[index];
        }
    }

    return matchArray;
}

/***** End Accessors *****/

// Calls ParseWordsAnd Phrases to construct the mWords and mPhrases
// Array
//
function MultiPhrase_Parse()
{
    var WordsAndPhrases;
    var Index;
    var Words;
    var PhraseIndex;
    var Phrase;
    var PhraseObject;

    WordsAndPhrases = WHStringUtilities_ParseWordsAndPhrases(this.mSearchText);

```

```

for(Index = 0; Index < wordsAndPhrases.length; ++Index)
{
    words = WWHStringUtilities_ParseWordsAndPhrases(wordsAndPhrases[Index]);

    if(words.length == 1)
    {
        if(this.mBookSearchInfo.fValidSearchWord(words[0]))
        {
            this.mWords[this.mWords.length] = words[0];
        }
    }
    else if(words.length > 1)
    {
        // The entry is a phrase, construct the phrase here
        //
        Phrase = "";
        this.mPhrases[this.mPhrases.length] = wordsAndPhrases[Index];
        for(PhraseIndex = 0; PhraseIndex < words.length; ++PhraseIndex)
        {
            if(this.mBookSearchInfo.fValidSearchWord(words[PhraseIndex]))
            {
                Phrase += words[PhraseIndex] + " ";
            }
        }
        if(Phrase.length > 0)
        {
            PhraseObject = new Phrase_Object(Phrase.substring(0, Phrase.length - 1));
            PhraseObject.fParse();
            this.mPhraseObjects[this.mPhraseObjects.length] = PhraseObject;
        }
    }
}

// Tests all the phrases in mPhrases for matches on the
// Parameter words
//
function MultiPhrase_Test(ParamFirst, ParamSecond)
{
    var index;
    var currentPhrase;

    for(index = 0; index < this.mPhraseObjects.length; ++index)
    {
        this.mPhraseObjects[index].fTestPhrase(ParamFirst, ParamSecond);
    }
}

// After the word pair file runs its tests on the multi phrase object
// this method will be called to see if all the phrases matched. If they
// did then the book and file index will be recorded and stored.
//
function MultiPhrase_CheckForMatch(ParamBookIndex, ParamFileIndex)
{
    var result = false;
    var matchingPhrases = new Array();

    matchingPhrases = this.fGetMatches();

    if(this.mPhraseObjects.length > 0 &&
        matchingPhrases.length > 0 &&
        matchingPhrases.length == this.mPhraseObjects.length)
    {
        result = true;
    }

    return result;
}

// This function will be called between each pair file test to
// reset the matches from the previous pair file test. The
// ...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46289]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validuserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 8613
Date: Tue, 25 Sep 2012 20:31:19 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"8613-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHOutlineImagingFast_Object()
{
```

```

this.mIterator      = new WWHOutlineIterator_Object(true);
this.mImageSrcDir  = WWHOutlineImaging_ImageSrcDir();
this.mEventString  = WWHPopup_EventString();
this.mHTMLSegment  = new WWHStringBuffer_Object();
this.mbUseList     = true;

this.fGetIconURL   = WWHOutlineImaging_GetIconURL;
this.fGetPopupAction = WWHOutlineImaging_GetPopupAction;
this.fGetLink      = WWHOutlineImaging_GetLink;
this.fGetEntryHTML = WWHOutlineImaging_GetEntryHTML;

this.fGenerateStyles = WWHOutlineImagingFast_GenerateStyles;
this.fReset          = WWHOutlineImagingFast_Reset;
this.fAdvance        = WWHOutlineImagingFast_Advance;
this.fOpenLevel     = WWHOutlineImagingFast_OpenLevel;
this.fCloseLevel    = WWHOutlineImagingFast_CloseLevel;
this.fSameLevel     = WWHOutlineImagingFast_SameLevel;
this.fDisplayEntry  = WWHOutlineImagingFast_DisplayEntry;
this.fUpdateEntry   = WWHOutlineImagingFast_UpdateEntry;
this.fRevealEntry   = WWHOutlineImagingFast_RevealEntry;

// Workaround for windows IE
//
if ((WWHFrame.WWHBrowser.mBrowser == 2) && // Shorthand for IE
    (WWHFrame.WWHBrowser.mPlatform == 1)) // Shorthand for windows
{
    this.mbUseList = false;
}
}

function WWHOutlineImagingFast_GenerateStyles()
{
    var styleBuffer = new WWHStringBuffer_Object();

    styleBuffer.fAppend("<style type=\"text/css\">\n");
    styleBuffer.fAppend("<!--\n");
    styleBuffer.fAppend(" a:active\n");
    styleBuffer.fAppend(" {\n");
    styleBuffer.fAppend("     text-decoration: none;\n");
    styleBuffer.fAppend("     background-color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mHighlightColor + ";\n");
    styleBuffer.fAppend("     " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
    styleBuffer.fAppend(" } \n");
    styleBuffer.fAppend(" a:hover\n");
    styleBuffer.fAppend(" {\n");
    styleBuffer.fAppend("     text-decoration: underline;\n");
    styleBuffer.fAppend("     color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mEnabledColor + ";\n");
    styleBuffer.fAppend("     " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
    styleBuffer.fAppend(" } \n");
    styleBuffer.fAppend(" a\n");
    styleBuffer.fAppend(" {\n");
    styleBuffer.fAppend("     text-decoration: none;\n");
    styleBuffer.fAppend("     color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mEnabledColor + ";\n");
    styleBuffer.fAppend("     " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
    styleBuffer.fAppend(" } \n");
    styleBuffer.fAppend(" td\n");
    styleBuffer.fAppend(" {\n");
    styleBuffer.fAppend("     margin-top: 0pt;\n");
    styleBuffer.fAppend("     margin-bottom: 0pt;\n");
    styleBuffer.fAppend("     margin-left: 0pt;\n");
    styleBuffer.fAppend("     text-align: left;\n");
    styleBuffer.fAppend("     vertical-align: middle;\n");
    styleBuffer.fAppend("     " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
    styleBuffer.fAppend(" } \n");
    if (this.mbUseList)

```

```

{
  styleBuffer.fAppend(" ul\n");
  styleBuffer.fAppend(" {\n");
  styleBuffer.fAppend(" list-style-type: none;\n");
  styleBuffer.fAppend(" padding-left: 0pt;\n");
  styleBuffer.fAppend(" margin-top: 0pt;\n");
  styleBuffer.fAppend(" margin-bottom: 0pt;\n");
  styleBuffer.fAppend(" margin-left: 0pt;\n");
  styleBuffer.fAppend(" }\n");
  styleBuffer.fAppend(" li\n");
  styleBuffer.fAppend(" {\n");
  styleBuffer.fAppend(" margin-top: 0pt;\n");
  styleBuffer.fAppend(" margin-bottom: 0pt;\n");
  styleBuffer.fAppend(" margin-left: 0pt;\n");
  styleBuffer.fAppend(" }\n");
}
else
{
  styleBuffer.fAppend(" div.list\n");
  styleBuffer.fAppend(" {\n");
  styleBuffer.fAppend(" margin-top: 0pt;\n");
  styleBuffer.fAppend(" margin-bottom: 0pt;\n");
  styleBuffer.fAppend(" margin-left: 0pt;\n");
  styleBuffer.fAppend(" }\n");
}
styleBuffer.fAppend(" -->\n");
styleBuffer.fAppend("</style>\n");
}
return styleBuffer.fGetBuffer();
}

function WWHOutlineImagingFast_Reset()
{
  this.mIterator.fReset(WWHFrame.WWHOutline.mTopEntry);
}...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46251]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1b4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 30114
Date: Tue, 25 Sep 2012 20:31:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"30114-1347465222000"
Last-Modified: Wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHOutline_Object()
{
    var bUseSafeMethods = true;
```

```
    // Determine display method based on browser type
    //
    if ((WWHFrame.WWHBrowser.mBrowser == 2) || // Shorthand for IE
        (WWHFrame.WWHBrowser.mBrowser == 3) || // Shorthand for iCab
        (WWHFrame.WWHBrowser.mBrowser == 4) || // Shorthand for Netscape 6.0
        (Mozilla)
        (WWHFrame.WWHBrowser.mBrowser == 5)) // Shorthand for Safari
    {
        bUseSafeMethods = false;
    }
```

```
    this.mPanelInitialized = false;
    this.mPanelAnchor      = null;
    this.mPanelTabTitle    = WWHFrame.WWHJavaScript.mMessages.mTabsTOCLabel;
    this.mPanelTabIndex    = -1;
    this.mPanelFilename    = "panelvie.htm";
    this.mInitIndex        = 0;
    this.mBookEntryArray   = new Array();
    this.mEntryHash        = new WWHOutlineEntryHash_Object();
    this.mTopEntry         = new WWHOutlineEntry_Top_Object();
```

```

    this.mNextEntryID      = 0;
    this.mMaxLevel        = 0;
    this.mSyncBookIndex   = null;
    this.mSyncFileIndex   = null;
    this.mSyncAnchor      = null;
    this.mImagingObject   = (bUseSafeMethods) ? new WWHOutlineImagingSafe_Object() :
new WWHOutlineImagingFast_Object();

    this.fInitHeadHTML    = WWHOutline_InitHeadHTML;
    this.fInitBodyHTML    = WWHOutline_InitBodyHTML;
    this.fInitGroupings   = WWHOutline_InitGroupings;
    this.fInitLoadBookTOC = WWHOutline_InitLoadBookTOC;
    this.fHeadHTML        = WWHOutline_HeadHTML;
    this.fClickedExpand   = WWHOutline_ClickedExpand;
    this.fClickedCollapse = WWHOutline_ClickedCollapse;
    this.fClickedDisplayDoc = WWHOutline_ClickedDisplayDoc;
    this.fStartHTMLSegments = WWHOutline_StartHTMLSegments;
    this.fAdvanceHTMLSegment = WWHOutline_AdvanceHTMLSegment;
    this.fGetHTMLSegment  = WWHOutline_GetHTMLSegment;
    this.fEndHTMLSegments = WWHOutline_EndHTMLSegments;
    this.fPanelNavigationLoaded = WWHOutline_PanelNavigationLoaded;
    this.fPanelViewLoaded = WWHOutline_PanelViewLoaded;
    this.fHoverTextTranslate = WWHOutline_HoverTextTranslate;
    this.fHoverTextFormat = WWHOutline_HoverTextFormat;
    this.fExpand          = WWHOutline_Expand;
    this.fCollapse        = WWHOutline_Collapse;
    this.fDisplayDoc      = WWHOutline_DisplayDoc;
    this.fSync            = WWHOutline_Sync;
}

function WWHOutline_InitHeadHTML()
{
    var InitHeadHTML = "";

    return InitHeadHTML;
}

function WWHOutline_InitBodyHTML()
{
    var HTML = new WWHStringBuffer_Object();
    var BookList = WWHFrame.WWHHelp.mBooks.mBookList;
    var VarParameters;
    var MaxIndex;
    var Index;

    // Workaround Safari reload bug
    //
    VarParameters = "";
    if (WWHFrame.WWHBrowser.mBrowser == 5) // Shorthand for Safari
    {
        VarParameters = "?" + (new Date() * 1);
    }

    // Display initializing message
    //
    HTML.fAppend("<h2>" + WWHFrame.WWHJavaScript.mMessages.mInitializingMessage +
"</h2>\n");

    // Create top level entries for groups and books
    //
    this.fInitGroupings(this.mTopEntry, WWHFrame.WWHHelp.mBookGroups);

    // Load book TOC data
    //
    this.mInitIndex = 0;
    for (MaxIndex = BookList.length, Index = 0 ; Index < MaxIndex ; Index++)
    {
        // Reference TOC data
        //
        HTML.fAppend("<script language=\"JavaScript1.2\" src=\"" +

```

```

WWHFrame.WWHHelp.mHelpURLPrefix + WWHFrame.WWHBrowser.fRestoreEscapedSpaces(BookList
[Index].mDirectory) + "wwhdata/js/toc.js" + VarParameters + "\"></script>\n");

    // Load TOC data for current book
    //
    HTML.fAppend("<script language=\"JavaScript1.2\" src=\"\" +
WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/js/scripts/outline.js" +
VarParameters + "\"></script>\n");
}

return HTML.fGetBuffer();
}

function WWHOutline_InitGroupings(ParamParentEntry,
                                ParamGroup)
{
    var MaxIndex;
    var Index;
    var GroupEntry;
    var TOCEntry;

    for (MaxIndex = ParamGroup.mChildren.length, Index = 0 ; Index < MaxIndex ;
Index++)
    {
        GroupEntry = ParamGroup.mChildren[Index];

        if (GroupEntry.mbGrouping)
        {
            // Create entry in TOC
            //
            TOCEntry = ParamP...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46270]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/camOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 5109
Date: Tue, 25 Sep 2012 20:31:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"5109-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug
```

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//
```

```
function WWHOutlineImagingSafe_Object()
{
    this.mIterator = new WWHOutlineIterator_Object(true);
    this.mImageSrcDir = WWHOutlineImaging_ImageSrcDir();
    this.mEventString = WWHPopup_EventString();
    this.mHTMLSegment = new WWHStringBuffer_Object();

    this.fGetIconURL = WWHOutlineImaging_GetIconURL;
    this.fGetPopupAction = WWHOutlineImaging_GetPopupAction;
    this.fGetLink = WWHOutlineImaging_GetLink;
    this.fGetEntryHTML = WWHOutlineImaging_GetEntryHTML;

    this.fGenerateStyles = WWHOutlineImagingSafe_GenerateStyles;
    this.fReset = WWHOutlineImagingSafe_Reset;
    this.fAdvance = WWHOutlineImagingSafe_Advance;
    this.fOpenLevel = WWHOutlineImagingSafe_OpenLevel;
    this.fCloseLevel = WWHOutlineImagingSafe_CloseLevel;
    this.fSameLevel = WWHOutlineImagingSafe_SameLevel;
    this.fDisplayEntry = WWHOutlineImagingSafe_DisplayEntry;
    this.fUpdateEntry = WWHOutlineImagingSafe_UpdateEntry;
    this.fRevealEntry = WWHOutlineImagingSafe_RevealEntry;
}

function WWHOutlineImagingSafe_GenerateStyles()
{
    var StyleBuffer = new WWHStringBuffer_Object();
    var MaxLevel;
    var Level;

    StyleBuffer.fAppend("<style type=\"text/css\">\n");
    StyleBuffer.fAppend(" <!--\n");
    StyleBuffer.fAppend(" a:active\n");
    StyleBuffer.fAppend(" {\n");
    StyleBuffer.fAppend("     text-decoration: none;\n");
    StyleBuffer.fAppend("     background-color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mHighlightColor + ";\n");
    StyleBuffer.fAppend("     " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
    StyleBuffer.fAppend(" };\n");
    StyleBuffer.fAppend(" a:hover\n");
    StyleBuffer.fAppend(" {\n");
    StyleBuffer.fAppend("     text-decoration: underline;\n");
}
```

```

        StyleBuffer.fAppend("    color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mEnabledColor + ";\n");
        StyleBuffer.fAppend("    " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
        StyleBuffer.fAppend("    }\n");
        StyleBuffer.fAppend("    a\n");
        StyleBuffer.fAppend("    {\n");
        StyleBuffer.fAppend("        text-decoration: none;\n");
        StyleBuffer.fAppend("        color: " +
WWHFrame.WWHJavaScript.mSettings.mTOC.mEnabledColor + ";\n");
        StyleBuffer.fAppend("    " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
        StyleBuffer.fAppend("    }\n");
        StyleBuffer.fAppend("    td\n");
        StyleBuffer.fAppend("    {\n");
        StyleBuffer.fAppend("        margin-top: 0pt;\n");
        StyleBuffer.fAppend("        margin-bottom: 0pt;\n");
        StyleBuffer.fAppend("        margin-left: 0pt;\n");
        StyleBuffer.fAppend("        text-align: left;\n");
        StyleBuffer.fAppend("        vertical-align: middle;\n");
        StyleBuffer.fAppend("    " + WWHFrame.WWHJavaScript.mSettings.mTOC.mFontStyle +
";\n");
        StyleBuffer.fAppend("    }\n");
        StyleBuffer.fAppend("    -->\n");
        StyleBuffer.fAppend("</style>\n");

    return StyleBuffer.fGetBuffer();
}

function WWHOutlineImagingSafe_Reset()
{
    this.mIterator.fReset(WWHFrame.WWHOutline.mTopEntry);
}

function WWHOutlineImagingSafe_Advance(ParamMaxHTMLSegmentSize)
{
    var Entry;

    this.mHTMLSegment.fReset();
    while (((ParamMaxHTMLSegmentSize == -1) ||
        (this.mHTMLSegment.fSize() < ParamMaxHTMLSegmentSize)) &&
        (this.mIterator.fAdvance(this)))
    {
        Entry = this.mIterator.mEntry;

        // Process current entry
        //
        if (Entry.mbShow)
        {
            this.mHTMLSegment.fAppend(this.fDisplayEntry(Entry));
        }
    }

    return (this.mHTMLSegment.fSize() > 0); // Return true if segment created
}

function WWHOutlineImagingSafe_OpenLevel()
{
}

function WWHOutlineImagingSafe_CloseLevel(bParamScopeComplete)
{
}

function WWHOutlineImagingSafe_SameLevel()
{
}

function WWHOutlineImagingSafe_DisplayEntry(ParamEntry)
{
    var VarEntryHTML = "";

```

```

    VarEntryHTML += this.fGetEntryHTML(ParamEntry);
    VarEntryHTML += "\n";
}
return VarEntryHTML;
}
function wwOutlineImagingSafe_UpdateEntry(ParamEntry)
{
    var EntryURL;

    // Reload page to display expanded/collapsed entry
    //
    WWHFrame.WWHJavaScript.mPanels.fReloadView();
}
function wwOutlineImagingSafe_RevealEntry(ParamEntry,
    ...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46349]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```

GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=9E8500454DF268CC95FAA6AE564CEA1E;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us

```

User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov

HTTP/1.1 200 OK
Content-Length: 3067
Date: Tue, 25 Sep 2012 20:31:21 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"3067-1347465222000"
Last-Modified: Wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug

```
function Pairs_Object(ParamArray)
{
    // Store Original Array
    //
    this.mOriginalArray = ParamArray;

    // Hash of word pairs to test, keys are prefixed by '~'
    //
    this.mPairsHash = new Object();

    // Define Functions for this object
    //
    this.fGetPairs      = Pairs_GetPairs;
    this.fResetMatches = Pairs_ResetMatches;
    this.fTestPair     = Pairs_TestPair;
    this.fIsMatch      = Pairs_IsMatch;
    this.fCreateHash   = Pairs_CreateHash;
}

// Create the Hash of Word Pairs
//
function Pairs_CreateHash()
{
    var index = 0;
    var innerHash;
    var lastWord;
    var currentWord;
    var currentInnerHash;
    var innerHashValue

    for(index = 0; index < this.mOriginalArray.length; index++)
    {
        innerHash = new Object();
        if (index == 0)
        {
            lastWord = "~" + this.mOriginalArray[index];
        }
        else
        {
            currentWord = "~" + this.mOriginalArray[index];
            currentInnerHash = this.mPairsHash[lastWord];
            if(currentInnerHash != null)
            {
                innerHashValue = currentInnerHash[currentWord]
                if(innerHashValue == null)
                {
                    currentInnerHash[currentWord] = 0;
                }
            }
        }
        else
        {
            innerHash[currentWord] = 0;
            this.mPairsHash[lastWord] = innerHash;
        }

        lastWord = currentWord;
    }
}
```

```

    }
}

// Accessor function to return the hash
//
function Pairs_GetPairs()
{
    return this.mPairHash;
}

// After each doc is tested for the occurrence
// of the pairs in the search phrase, the recorded
// matches in the hash can be reset for the next
// doc to test
//
function Pairs_ResetMatches()
{
    var outerKey;
    var innerKey;
    var innerHash;

    for(outerKey in this.mPairHash)
    {
        innerHash = this.mPairHash[outerKey];
        for(innerKey in innerHash)
        {
            innerHash[innerKey] = 0;
        }
    }
}

// The list of word pairs generated during output
// calls this function with each word pair in the doc
// if the word pair is present in the hash created
// from the search phrase, then that match is recorded.
//
function Pairs_TestPair(ParamFirst, ParamSecond)
{
    var innerHash;

    innerHash = this.mPairHash["~" + ParamFirst];
    if(this.mPairHash["~" + ParamFirst] != null &&
        this.mPairHash["~" + ParamFirst]["~" + ParamSecond] != null)
    {
        this.mPairHash["~" + ParamFirst]["~" + ParamSecond]++;
    }
}

// IsMatch iterates all keys of mPairHash testing
// whether the inner hashes have values greater than 0
// If all inner hash values are greater than 0, then
// There is a match on the phrase in the doc.
//
function Pairs_IsMatch()
{
    var result = true;

    var outerKey;
    var innerKey;
    var matchValue;

    for(outerKey in this.mPairHash)
    {
        for(innerKey in this.mPairHash[outerKey])
        {
            matchValue = this.mPairHash[outerKey][innerKey];

            if(matchValue <= 0)
            {
                result = false;
                break;
            }
        }
    }
}

```

```
    }
    if(!result)
    {
        break;
    }
}
return result;
}
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46453]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov

HTTP/1.1 200 OK
Content-Length: 14438
Date: Tue, 25 Sep 2012 20:39:20 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
```

Etag: w/"14438-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript

```
// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//

function WWHPanelsEntry_Object(ParamPanelObject)
{
    this.mbShowInitMessage = true;
    this.mPanelObject      = ParamPanelObject;
    this.mScrollPosition   = new Array(0, 0);
}

function WWHPanels_Object()
{
    this.mCurrentPanel = 0;
    this.mPanelEntries = new Array();
    this.mPopup        = new WWHPopup_Object("WWHFrame.WWHJavaScript.mPanels.mPopup",
                                             "REPLACE ME",
                                             WWHPanelHoverText_Translate,
                                             WWHPanelHoverText_Format,
                                             "WWHPanelPopupDIV", "WWHPanelPopupText",
                                             1000, 12, 20,
                                             WWHFrame.WWHJavaScript.mSettings.mHoverText.mWidth);
    this.mbChangingPanels = false;
    this.mbLoading        = false;
    this.mbReloadOnlyNavigation = false;

    this.fGetCurrentPanelEntry = WWHPanels_GetCurrentPanelEntry;
    this.fGetCurrentPanelObject = WWHPanels_GetCurrentPanelObject;
    this.fInitHeadHTML         = WWHPanels_InitHeadHTML;
    this.fInitBodyHTML         = WWHPanels_InitBodyHTML;
    this.fInitLoaded            = WWHPanels_InitLoaded;
    this.fPopupHTML            = WWHPanels_PopupHTML;
    this.fClearScrollPosition   = WWHPanels_ClearScrollPosition;
    this.fSaveScrollPosition    = WWHPanels_SaveScrollPosition;
    this.fRestoreScrollPosition = WWHPanels_RestoreScrollPosition;
    this.fJumpToAnchor          = WWHPanels_JumpToAnchor;
    this.fChangePanel           = WWHPanels_ChangePanel;
    this.fReloadPanel           = WWHPanels_ReloadPanel;
    this.fReloadNavigation      = WWHPanels_ReloadNavigation;
    this.fReloadView            = WWHPanels_ReloadView;
    this.fPanelNavigationLoaded = WWHPanels_PanelNavigationLoaded;
    this.fPanelViewLoaded      = WWHPanels_PanelViewLoaded;

    // Add visible panels
    //
    if (WWHFrame.WWHJavaScript.mSettings.mTOC.mbShow)
    {
        WWHFrame.WWHOutline.mPanelTabIndex = this.mPanelEntries.length;
        this.mPanelEntries[this.mPanelEntries.length] = new WWHPanelsEntry_Object
(WWHFrame.WWHOutline);
    }
    if (WWHFrame.WWHJavaScript.mSettings.mIndex.mbShow)
    {
        WWHFrame.WWHIndex.mPanelTabIndex = this.mPanelEntries.length;
        this.mPanelEntries[this.mPanelEntries.length] = new WWHPanelsEntry_Object
(WWHFrame.WWHIndex);
    }
    if (WWHFrame.WWHJavaScript.mSettings.mSearch.mbShow)
    {
        WWHFrame.WWHSearch.mPanelTabIndex = this.mPanelEntries.length;
        this.mPanelEntries[this.mPanelEntries.length] = new WWHPanelsEntry_Object
(WWHFrame.WWHSearch);
    }
    if ((WWHFrame.WWHHelp.fCookiesEnabled()) &&
        (WWHFrame.WWHJavaScript.mSettings.mFavorites.mbShow))
    {
        WWHFrame.WWHFavorites.mPanelTabIndex = this.mPanelEntries.length;
        this.mPanelEntries[this.mPanelEntries.length] = new WWHPanelsEntry_Object
```

```

(WWHFrame.WWHFavorites);
}
}

function WWHPanels_GetCurrentPanelEntry()
{
return this.mPanelEntries[this.mCurrentPanel];
}

function WWHPanels_GetCurrentPanelObject()
{
return this.mPanelEntries[this.mCurrentPanel].mPanelObject;
}

function WWHPanels_InitHeadHTML()
{
var HTML = "";
var PanelEntry;

if (WWHFrame.WWHHelp.mInitStage > 0)
{
// Access panel entry
//
PanelEntry = this.fGetCurrentPanelEntry();

if (PanelEntry.mbShowInitMessage)
{
// Nothing to do
//
}
else
{
HTML = PanelEntry.mPanelObject.fInitHeadHTML();
}
}

return HTML;
}

function WWHPanels_InitBodyHTML()
{
var HTML = "";
var PanelEntry;

if (WWHFrame.WWHHelp.mInitStage > 0)
{
// Access panel entry
//
PanelEntry = this.fGetCurrentPanelEntry();

if (PanelEntry.mbShowInitMessage)
{
// Display initializing message
//
HTML = "<h2>" + WWHFrame.WWHJavaScript.mMessages.mInitializingMessage +
"</h2>\n";

// Only show message once
//
PanelEntry.mbShowInitMessage = false;
}
else
{
HTML = PanelEntry.mPanelObject.fInitBodyHTML();
}
}

return HTML;
}
}

```

```
function wwHPanels_InitLoaded()
{
  this.fClearScrollPosition();
  this.mbLoading = false;
  this.fReloadPanel();
}
```

```
function wwHPanels_PopupHTML()
{
  va...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46377]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 2338
Date: Tue, 25 Sep 2012 20:39:18 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
```

ETag: w/"2338-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug

```
function Phrase_Object(ParamPhrase)
{
  // Array of search words
  //
  this.mWords      = new Array();

  // Original Search Phrase
  //
  this.mPhrase     = ParamPhrase;

  // Pairs object containing the word pairs of the phrase
  //
  this.mPairs = null;

  this.fTestPhrase = Phrase_TestPhrase;
  this.fIsMatch    = Phrase_IsMatch;
  this.fParse      = Phrase_Parse;
  this.fIsValidPhrase = Phrase_IsValidPhrase;

  // Accessors and other methods for testing
  //
  this.fGetWords   = Phrase_GetWords;
  this.fGetPairsHash = Phrase_GetPairs;
  this.fResetMatches = Phrase_ResetMatches;
}

// Tests the word pair passed in as parameter to check
// if it exists in the word pair hash
//
function Phrase_TestPhrase(ParamFirst, ParamSecond)
{
  this.mPairs.fTestPair(ParamFirst, ParamSecond);
}

// Calls the Pairs object's IsMatch function to see
// if all word pairs are present in the search text
//
function Phrase_IsMatch()
{
  return this.mPairs.fIsMatch();
}

// Parses out the words in the phrase adding them to the
// Pairs object if they are valid search words for the current book
//
function Phrase_Parse()
{
  var stringWithSpace = "x x";
  var phraseSplit;
  var index;
  var currentSplit;

  phraseSplit = this.mPhrase.split(stringWithSpace.substring(1, 2));

  for(index = 0; index < phraseSplit.length; ++index)
  {
    currentSplit = phraseSplit[index];
    if(currentSplit.length > 0)
    {
      this.mWords[this.mWords.length] = currentSplit;
    }
  }

  if(this.mWords.length > 0)
  {
    this.mPairs = new Pairs_Object(this.mWords);
    this.mPairs.fCreateHash();
  }
}
```

```
    }
    else
    {
        this.mPairs = null;
    }
}

// Returns the word array that is the phrase
// minus the skip words
//
function Phrase_GetWords()
{
    return this.mWords;
}

// Returns the stored hash of pairs from the pair object
//
function Phrase_GetPairs()
{
    return this.mPairs.fGetPairs();
}

// Resets the match count for the pairs object
//
function Phrase_ResetMatches()
{
    this.mPairs.fResetMatches();
}

// Tests to see if any word pairs exist for this phrase
// Returns true if there are any word pairs, meaning there
// is a valid phrase object
//
function Phrase_IsValidPhrase()
{
    return this.mPairs != null;
}
}
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity: Low
Test Type: Application
Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js
CVE ID(s): N/A
CWE ID(s): 311
Remediation Tasks: Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46406]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```
GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=024E121B50B5CC1AF30794645308A833;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; windows NT 5.2; Trident/4.0; .NET CLR
1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov
```

```
HTTP/1.1 200 OK
Content-Length: 46151
Date: Tue, 25 Sep 2012 20:39:19 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"46151-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
```

```
// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved.
//
```

```
function WWHSearch_Object()
{
    this.mPanelInitialized = false;
    this.mPanelAnchor = null;
    this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsSearchLabel;
    this.mPanelTabIndex = -1;
    this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ?
"panelfns.htm" : "panelfss.htm");
    this.mInitIndex = 0;
    this.mBookSearchInfoList = new Array();
    this.mMultiPhraseList = new Array();
    this.mSearchState = null;
    this.mSearchScopeInfo = null;
    this.mSavedSearchWords = "";
    this.mSavedSearchScope = 0;
    this.mSearchWordList = new Array();
    this.mSearchWordRegExpList = new Array();
    this.mBookIndex = 0;
    this.mBookMatchesList = new Array();
    this.mCombinedResults = new WWHSearchResults_Object();
    this.mCombinedResultsIndex = 0;

    this.fInitHeadHTML = WWHSearch_InitHeadHTML;
    this.fInitBodyHTML = WWHSearch_InitBodyHTML;
    this.fInitLoadBookSearchInfo = WWHSearch_InitLoadBookSearchInfo;
```

```

this.fNavigationHeadHTML      = WWHSearch_NavigationHeadHTML;
this.fNavigationBodyHTML     = WWHSearch_NavigationBodyHTML;
this.fHeadHTML               = WWHSearch_HeadHTML;
this.fStartHTMLSegments     = WWHSearch_StartHTMLSegments;
this.fAdvanceHTMLSegment    = WWHSearch_AdvanceHTMLSegment;
this.fGetHTMLSegment        = WWHSearch_GetHTMLSegment;
this.fEndHTMLSegments       = WWHSearch_EndHTMLSegments;
this.fPanelNavigationLoaded  = WWHSearch_PanelNavigationLoaded;
this.fPanelViewLoaded       = WWHSearch_PanelViewLoaded;
this.fHoverTextTranslate    = WWHSearch_HoverTextTranslate;
this.fHoverTextFormat       = WWHSearch_HoverTextFormat;
this.fDisplaySearchForm     = WWHSearch_DisplaySearchForm;
this.fSubmit                 = WWHSearch_Submit;
this.fSetSearchwords        = WWHSearch_SetSearchwords;
this.fCheckForMatch         = WWHSearch_CheckForMatch;
this.fSearchwordsComplete   = WWHSearch_SearchwordsComplete;
this.fCheckForPhraseMatch   = WWHSearch_CheckForPhraseMatch;
this.fSearchPairsComplete   = WWHSearch_SearchPairsComplete;
this.fCombineResults        = WWHSearch_CombineResults;
this.fShowEntry             = WWHSearch_ShowEntry;
}

function WWHSearch_InitHeadHTML()
{
    var InitHeadHTML = "";

    // Create search scope info
    //
    this.mSearchScopeInfo = new WWHSearchScope_Object();

    return InitHeadHTML;
}

function WWHSearch_InitBodyHTML()
{
    var HTML = new WWHStringBuffer_Object();
    var VarParameters;
    var BookList;
    var MaxIndex;
    var Index;

    // workaround Safari reload bug
    //
    VarParameters = "";
    if (WWHFrame.WWHBrowser.mBrowser == 5) // Shorthand for Safari
    {
        VarParameters = "?" + (new Date() * 1);
    }

    // Display initializing message
    //
    HTML.fAppend("<h2>" + WWHFrame.WWHJavaScript.mMessages.mInitializingMessage +
"</h2>\n");

    // Load search info
    //
    this.mInitIndex = 0;
    BookList = WWHFrame.WWHHelp.mBooks.mBookList;
    for (MaxIndex = BookList.length, Index = 0 ; Index < MaxIndex ; Index++)
    {
        // Reference search info
        //
        HTML.fAppend("<script language=\"JavaScript1.2\" src=\"" +
WWHFrame.WWHHelp.mHelpURLPrefix + WWHFrame.WWHBrowser.fRestoreEscapedSpaces(BookList
[Index].mDirectory) + "wwhdata/js/search.js" + VarParameters + "\"></script>\n");

        // Load search info for current book
        //
        HTML.fAppend("<script language=\"JavaScript1.2\" src=\"" +
WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/js/scripts/search1s.js" +

```

```

varParameters + "</script>\n");
}
return HTML.fGetBuffer();
}

function WWHSearch_InitLoadBookSearchInfo(ParamSearchFileCount,
                                           ParamMinimumWordLength,
                                           ParamSearchSkipwordsFunc)
{
  // Load book search info
  //
  this.mBookSearchInfoList[this.mInitIndex] = new WWHBookSearchInfo_Object
(ParamSearchFileCount, ParamMinimumWordLength);
  ParamSearchSkipwordsFunc(this.mBookSearchInfoList[this.mInitIndex]);

  // Create match objects for each book
  //
  this.mBookMatchesList[this.mBookMatche...

```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Vulnerable URL: https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js

Total of 1 security issues in this URL

[1 of 1] Encryption Not Enforced

Severity:	Low
Test Type:	Application
Vulnerable URL:	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js
CVE ID(s):	N/A
CWE ID(s):	311
Remediation Tasks:	Enforce the use of HTTPS when sending sensitive information

Variant 1 of 1 [ID=46232]

The following changes were applied to the original request:

- Set HTTP header to 'cancermodels-qa.nci.nih.gov:80'

Request/Response:

```

GET /camod/webHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js HTTP/1.1
Cookie: switchmenu=; JSESSIONID=AB79ABB7719ED3384C2604776B3F0D90;
validUserKey=123456789; ncbi_sid=396E1D4805B183E1_0122SID
Accept: */*
Accept-Language: en-us
User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.2; Trident/4.0; .NET CLR

```

1.1.4322; .NET CLR 2.0.50727; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)
Host: cancermodels-qa.nci.nih.gov

HTTP/1.1 200 OK
Content-Length: 9357
Date: Tue, 25 Sep 2012 20:31:17 GMT
X-Powered-By: Servlet 2.5; JBoss-5.0/JBossWeb-2.1
Accept-Ranges: bytes
ETag: w/"9357-1347465222000"
Last-Modified: wed, 12 Sep 2012 15:53:42 GMT
Content-Type: text/javascript
X-Pad: avoid browser bug

// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved.
//

```
function WWHTabs_Object(ParamPanels)
{
    this.mwidth = null;

    this.fReload    = WWHTabs_Reload;
    this.fHeadHTML  = WWHTabs_HeadHTML;
    this.fBodyHTML  = WWHTabs_BodyHTML;
    this.fLoaded    = WWHTabs_Loaded;

    // Calculate width based on number of panels
    //
    if (ParamPanels > 0)
    {
        this.mwidth = "" + (100 / ParamPanels) + "%";
    }
}

function WWHTabs_Reload()
{
    WWHFrame.WWHHelp.fReplaceLocation("WWHTabsFrame", WWHFrame.WWHHelp.mHelpURLPrefix
+ "wwhelp/wwhimpl/js/html/tabs.htm");
}

function WWHTabs_HeadHTML()
{
    var StylesHTML = "";

    // Generate style section
    //
    StylesHTML += "<style type=\"text/css\">\n";
    StylesHTML += "<!--\n";
    StylesHTML += "    a.active\n";
    StylesHTML += "    {\n";
    StylesHTML += "        text-decoration: none;\n";
    StylesHTML += "        color: " +
WWHFrame.WWHJavaScript.mSettings.mTabs.mSelectedTabForegroundColor + ";\n";
    StylesHTML += "    } + WWHFrame.WWHJavaScript.mSettings.mTabs.mFontStyle + ";\n";
    StylesHTML += "    }\n";
    StylesHTML += "    a.inactive\n";
    StylesHTML += "    {\n";
    StylesHTML += "        text-decoration: none;\n";
    StylesHTML += "        color: " +
WWHFrame.WWHJavaScript.mSettings.mTabs.mDefaultTabForegroundColor + ";\n";
    StylesHTML += "    } + WWHFrame.WWHJavaScript.mSettings.mTabs.mFontStyle + ";\n";
    StylesHTML += "    }\n";
    StylesHTML += "    th\n";
    StylesHTML += "    {\n";
    StylesHTML += "        color: " +
WWHFrame.WWHJavaScript.mSettings.mTabs.mSelectedTabForegroundColor + ";\n";
    StylesHTML += "    } + WWHFrame.WWHJavaScript.mSettings.mTabs.mFontStyle + ";\n";
    StylesHTML += "    }\n";
    StylesHTML += "    td\n";
    StylesHTML += "    {\n";
    StylesHTML += "        color: " +
```

```

WWHFrame.WWHJavaScript.mSettings.mTabs.mDefaultTabForegroundColor + ";\n";
StylesHTML += " " + WWHFrame.WWHJavaScript.mSettings.mTabs.mFontStyle + ";\n";
StylesHTML += " }\n";
StylesHTML += " -->\n";
StylesHTML += "</style>\n";

return StylesHTML;
}

function WWHTabs_BodyHTML()
{
var TabsHTML = "";
var ImageDir = WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/js/images";
var MaxIndex;
var Index;
var VarTabTitle;
var VarAccessibilityTitle = "";
var CellType;
var WrapPrefix;
var WrapSuffix;
var StyleAttribute;
var OnClick;
var ImgSuffix;
var Tablewidth;

// Set style attribute to insure small image height
//
StyleAttribute = " style=\"font-size: 1px; line-height: 1px;\"";

// Force on one line with a table, except for Netscape 4.x
//
if (WWHFrame.WWHBrowser.mBrowser != 1) // Shorthand for Netscape
{
TabsHTML += "<table border=\"0\" cellspacing=\"0\" cellpadding=\"0\"
width=\"100%\">\n";
TabsHTML += "<tr>";
}

// Tabs
//
for (MaxIndex = WWHFrame.WWHJavaScript.mPanels.mPanelEntries.length, Index = 0 ;
Index < MaxIndex ; Index++)
{
// Get tab title
//
VarTabTitle = WWHFrame.WWHJavaScript.mPanels.mPanelEntries
[Index].mPanelObject.mPanelTabTitle;

// Display anchor only if not selected
//
if (Index == WWHFrame.WWHJavaScript.mCurrentTab)
{
// Determine title for accessibility
//
if (WWHFrame.WWHHelp.mAccessible)
{
VarAccessibilityTitle = WWHStringUtilities_FormatMessage
(WWHFrame.WWHJavaScript.mMessages.mAccessibilityActiveTab,
VarTabTitle);
VarAccessibilityTitle = " title=\"" + WWHStringUtilities_EscapeHTML
(VarAccessibilityTitle) + "\"";
}

CellType = "th";
WrapPrefix = "<b><a class=\"active\" name=\"tab\" + Index + \"\
href=\"javascript:void(0);\" + VarAccessibilityTitle + ">";
WrapSuffix = "</a></b>";
OnClick = "";
ImgSuffix = "";
}
else

```

```
{
  // Determine title for accessibility
  //
  if (WWHFrame.WWHHelp.mbAccessible)
  {
    VarAccessibilityTitle = WWHStringUtilities_FormatMessage
(WWHFrame.WWHJavaScript.mMessages.mAccessibilityInactiveTab,
    VarTabTitle);
    VarAccessibilityTitle = " title=\"\" + WWHStringUtilities_EscapeH...
```

Validation In Response:

N/A

Reasoning:

The test response is very similar to the original response. This indicates that the the resource was successfully accessed using HTTP instead of HTTPS.

CWE ID:

311

Remediation Tasks

URL	Remediation Tasks	Addressed Security Issues
https://cancermodels-qa.nci.nih.gov/ (1)		
	Update your SSL certificate, and make sure that all attributes are valid (Low)	SSL Certificate Domain Name Mismatch
https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do (2)		
	Add the 'Secure' attribute to all sensitive cookies (Low) Cookie: validUserKey	Missing Secure Attribute in Encrypted Session (SSL) Cookie
	Verify that parameter values are in their expected ranges and types. Do not output debugging error messages and exceptions (Low) Parameter: password Parameter: username	Application Error
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do (1)		
	Always use SSL and POST (body) parameters when sending sensitive information. (Low) Parameter: method	Query Parameter in SSL Request
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do (1)		
	Always use SSL and POST (body) parameters when sending sensitive information. (Low) Parameter: method	Query Parameter in SSL Request
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do (1)		
	Always use SSL and POST (body) parameters when sending sensitive information. (Low) Parameter: method	Query Parameter in SSL Request
https://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do (1)		
	Always use SSL and POST (body) parameters when sending sensitive information. (Low) Parameter: unprotected_method	Query Parameter in SSL Request

https://cancermodels-qa.nci.nih.gov/camod/login.do (1)

Correctly set the "autocomplete" attribute to "off" (Low)

Autocomplete HTML Attribute Not Disabled for Password Field

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320 DCE (1)

Always use SSL and POST (body) parameters when sending sensitive information. (Low)

Query Parameter in SSL Request

Parameter:

__patternParameter__JSESSIONID__0

Parameter: aModelID

Parameter: method

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E6 8B (1)

Always use SSL and POST (body) parameters when sending sensitive information. (Low)

Query Parameter in SSL Request

Parameter:

__patternParameter__JSESSIONID__0

Parameter: aModelID

Parameter: method

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C430952 29A (1)

Always use SSL and POST (body) parameters when sending sensitive information. (Low)

Query Parameter in SSL Request

Parameter:

__patternParameter__JSESSIONID__0

Parameter: method

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C1958 1F28 (3)

Always use SSL and POST (body) parameters when sending sensitive information. (Low)

Query Parameter in SSL Request

Parameter:

__patternParameter__JSESSIONID__0

Correctly set the "autocomplete" attribute to "off" (Low)

Autocomplete HTML Attribute Not Disabled for Password Field

Remove sensitive information from HTML comments (Low)

HTML Comments Sensitive Information Disclosure

**https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1
FE7 (1)**

Always use SSL and POST (body) parameters when sending sensitive information. (Low) Query Parameter in SSL Request
Parameter:
__patternParameter__JSESSIONID____0
Parameter: aModelID
Parameter: method

**https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E1
3C (1)**

Always use SSL and POST (body) parameters when sending sensitive information. (Low) Query Parameter in SSL Request
Parameter:
__patternParameter__JSESSIONID____0
Parameter: lab
Parameter: method

**https://cancermodels-
qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB
063 (1)**

Always use SSL and POST (body) parameters when sending sensitive information. (Low) Query Parameter in SSL Request
Parameter:
__patternParameter__JSESSIONID____0
Parameter: aModelID
Parameter: method

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A (1)

Always use SSL and POST (body) parameters when sending sensitive information. (Low)	Query Parameter in SSL Request
Parameter: __patternParameter__JSESSIONID____0	
Parameter: affiliation	
Parameter: email	
Parameter: firstName	
Parameter: lastName	
Parameter: org.apache.struts.taglib.html.CANCEL	
Parameter: phone	
Parameter: piEmail	
Parameter: piFirstName	
Parameter: piLastName	
Parameter: piUsername	
Parameter: principalInvestigator	

https://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js (2)

Enforce the use of HTTPS when sending sensitive information (Low)	Encryption Not Enforced
Remove e-mail addresses from the website (Low)	Email Address Pattern Found

https://cancermodels-qa.nci.nih.gov/camod/scripts/global.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)	Encryption Not Enforced
---	-------------------------

https://cancermodels-qa.nci.nih.gov/camod/scripts/script.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)	Encryption Not Enforced
---	-------------------------

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html (1)

Enforce the use of HTTPS when sending sensitive information (Low)	Encryption Not Enforced
---	-------------------------

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)	Encryption Not Enforced
---	-------------------------

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/handler.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javaspt.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outfast.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js (1)

Enforce the use of HTTPS when sending sensitive information (Low)

Encryption Not Enforced

Application Data

Script Parameters

URL	Name	Type	Value
http://cancermodels-qa.nci.nih.gov/camod/AdminCommentsAssignmentPopulateAction.do			
	org.apache.struts.taglib.html.TOKEN	Hidden	2336a25eff897b6f02bea9e01cc5cf5c
	currentState	Select	Screened-approved
http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE			
	__patternParameter__JSESSIONID__0	Simple Link	22420689254AF3C8E21A1B3F0C5FB0DE
http://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsAction.do			
	org.apache.struts.taglib.html.TOKEN	Hidden	2336a25eff897b6f02bea9e01cc5cf5c
	affiliation	Text	SAIC
	firstName	Text	camod
	lastName	Text	curator
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principalInvestigator	Hidden	true
	org.apache.struts.taglib.html.CANCEL	Submit	Cancel
	affiliation	Text	1234
	firstName	Text	1234
	lastName	Text	1234
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principalInvestigator	Hidden	false
	org.apache.struts.taglib.html.CANCEL	Submit	Cancel
http://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1			
	__patternParameter__JSESSIONID__0	Simple Link	F9B543DCA51EB3E4056538C36C1A0FA1

URL	Name	Type	Value
http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do			
	unprotected_method	Simple Link	populate
http://cancermodels-qa.nci.nih.gov/camod/AnimalModelAction.do			
	method	Simple Link	delete
	org.apache.struts.taglib.html.TOKEN	Hidden	53e05594fd1b2ff9aa3ade7b327970d4
	modelDescriptor	Text	1234
	principalInvestigator	Select	abrahamd
	isToolStrain	Checkbox	no
	scientificName	Select	Danio rerio
	ethnicityStrain	Multiple Selection	
	developmentalStage	Select	
	genotype	Text	
	nomenclature	Text	
	experimentDesign	Text Area	
	description	Text Area	1234
	type	Select	
	breedingNotes	Text	
	url	Text	
	releaseDate	Checkbox	after
	calendarReleaseDate	Hidden	
	comments	Text Area	
	ethnicityStrain	Select	
http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do			
	method	Invalid	setStrainDropdown
	page	Invalid	newModel
	org.apache.struts.taglib.html.TOKEN	Simple Link	53e05594fd1b2ff9aa3ade7b327970d4
	modelDescriptor	Simple Link	test
	principalInvestigator	Simple Link	abrahamd
	isToolStrain	Simple Link	no

URL	Name	Type	Value
	scientificName	Simple Link	Danio rerio
	developmentalStage	Simple Link	
	genotype	Simple Link	
	nomenclature	Simple Link	
	experimentDesign	Simple Link	
	description	Simple Link	
	type	Simple Link	
	breedingNotes	Simple Link	
	url	Simple Link	
	releaseDate	Simple Link	immediately
	calendarReleaseDate	Simple Link	
	comments	Simple Link	
	method	Simple Link	dropdown
	method	Simple Link	delete
	page	Simple Link	newModel
	org.apache.struts.taglib.html.TOKEN	Hidden	de53cdc8e08ef4577b0fc170cc15df42
	modelDescriptor	Text	test
	principalInvestigator	Select	abrahamd
	isToolStrain	Radio	no
	scientificName	Select	Bos taurus
	developmentalStage	Select	Older than 2 years
	genotype	Text	1234
	nomenclature	Text	1234
	experimentDesign	Text	1234
	description	Text	test
	type	Select	Both Sexes
	breedingNotes	Text	1234
	url	Text	1234
	releaseDate	Radio	immediately

URL	Name	Type	Value
	calendarReleaseDate	Hidden	
	comments	Text	1234
http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionId=22420689254AF3C8E21A1B3F0C5FB0DE			
	method	Simple Link	dropdown
	__patternParameter__ JSESSIONID____0	Simple Link	22420689254AF3C8E21A1B3F0C5FB0DE
	__patternParameter__ JSESSIONID____0	Simple Link	3CB36B7D79EADEEADF1243D5B6D0CD94
http://cancermodels-qa.nci.nih.gov/camod/AntibodyPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/BacteriaPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/CellLinePopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/ChangeAnimalModelToCompleteAction.do			
	modelId	Hidden	150107289
	modelDescriptor	Hidden	
	assignedTo	Hidden	ulrike
	event	Hidden	complete
	remark	Hidden	Model has been moved to complete
http://cancermodels-qa.nci.nih.gov/camod/ChemicalDrugPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do;jsessionId=F9B543DCA51EB3E4056538C36C1A0FA1			
	__patternParameter__ JSESSIONID____0	Simple Link	F9B543DCA51EB3E4056538C36C1A0FA1
http://cancermodels-qa.nci.nih.gov/camod/DeleteAnimalModelAction.do			
	method	Simple Link	delete
	aModelID	Simple Link	150106693
http://cancermodels-qa.nci.nih.gov/camod/DrugScreenSearchAction.do			
	NSCNumber	Text	9876543210

URL	Name	Type	Value
	doYeast	Checkbox	on
	doInvivo	Checkbox	on
	doPreClinical	Checkbox	on
	doClinical	Checkbox	on
http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do			
	method	Simple Link	delete
	aModelID	Simple Link	150106693
http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/EnvironmentalFactorPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/GeneDeliveryPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/GrowthFactorPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/HistopathologyPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/HormonePopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/ImagePopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/InvestigatorPopulateAction.do			
	method	Simple Link	delete
	lab	Simple Link	Investigator
http://cancermodels-qa.nci.nih.gov/camod/JacksonLabPopulateAction.do			

URL	Name	Type	Value
	method	Simple Link	dropdown
	lab	Simple Link	Jackson Laboratory
http://cancermodels-qa.nci.nih.gov/camod/LogoutAction.do;jsessionid=BAAC048D9CEA756050B17F9FE0984789			
	__patternParameter__ JSESSIONID____0	Simple Link	5AD1AE1B8919743AF04A0B350B964A8B
http://cancermodels-qa.nci.nih.gov/camod/MorpholinoPopulateAction.do			
	method	Simple Link	delete
	aConceptCode	Simple Link	C60700
http://cancermodels-qa.nci.nih.gov/camod/NCIMouseRepoPopulateAction.do			
	method	Simple Link	delete
	lab	Simple Link	NCI Mouse Repository
http://cancermodels-qa.nci.nih.gov/camod/NutritionalFactorPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/PlasmidPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/PublicationPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/RadiationPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do			
	affiliation	Text	1234
	firstName	Text	1234
	lastName	Text	1234
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principalInvestigator	Checkbox	on
	piUsername	Select	vandersandenj
	org.apache.struts.tagli b.html.CANCEL	Submit	Cancel
	affiliation	Text	1234

URL	Name	Type	Value
	firstName	Text	1234
	lastName	Text	1234
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principallInvestigator	Checkbox	on
	piUsername	Select	liangd
	piFirstName	Text	1234
	piLastName	Text	1234
	piEmail	Text	ncicbiitsecurityteam@mail.nih.gov
	org.apache.struts.taglib.html.CANCEL	Submit	Cancel

<http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do;jsessionid=28D91C94460FC5BEC8973E6574AD7A19>

	affiliation	Text	1234
	firstName	Text	1234
	lastName	Text	1234
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principallInvestigator	Checkbox	on
	piUsername	Select	vandersandenj
	org.apache.struts.taglib.html.CANCEL	Submit	Cancel
	__patternParameter__JSESSIONID__0	Simple Link	1CC16CC29B8F6AF6BFC3E2474A132764
	affiliation	Text	1234
	firstName	Text	1234
	lastName	Text	1234
	phone	Text	555-555-5555
	email	Text	ncicbiitsecurityteam@mail.nih.gov
	principallInvestigator	Checkbox	on
	piUsername	Select	liangd
	piFirstName	Text	1234

URL	Name	Type	Value
	piLastName	Text	1234
	piEmail	Text	ncicbitsecurityteam@mail.nih.gov
	org.apache.struts.taglib.html.CANCEL	Submit	Cancel
	__patternParameter__ JSESSIONID____0	Simple Link	1CC16CC29B8F6AF6BFC3E2474A132764

http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9

	__patternParameter__ JSESSIONID____0	Simple Link	C4694532253F62B66F7EF366D2A9BCA9
	__patternParameter__ JSESSIONID____0	Simple Link	6C2A9EE92099F97FA24C39CEDAE0AB59

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do

	method	Simple Link	returnUserModels
	method	Simple Link	returnUserModels

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

	method	Simple Link	returnUserModels
	__patternParameter__ JSESSIONID____0	Simple Link	9862C640D40C164D98792EF8A8D519D7
	__patternParameter__ JSESSIONID____0	Simple Link	190CC8A7183F45DA060FD56BE7BAE5AC
	__patternParameter__ JSESSIONID____0	Simple Link	6C2A9EE92099F97FA24C39CEDAE0AB59

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28

	method	Simple Link	returnUserModels
	__patternParameter__ JSESSIONID____0	Simple Link	76193423B3B181A4B044B2CEDC1C8FC8

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do

	method	Simple Link	delete
--	--------	-------------	--------

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1

	method	Simple Link	delete
	__patternParameter__ JSESSIONID____0	Simple Link	F9B543DCA51EB3E4056538C36C1A0FA1

http://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do

URL	Name	Type	Value
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do;jsessionId=F9B543DCA51EB3E4056538C36C1A0FA1			
	method	Simple Link	delete
	__patternParameter__ JSESSIONID____0	Simple Link	F9B543DCA51EB3E4056538C36C1A0FA1
http://cancermodels-qa.nci.nih.gov/camod/SaveQueryAction.do			
	method	Simple Link	delete
	org.apache.struts.taglib.html.TOKEN	Hidden	2336a25eff897b6f02bea9e01cc5cf5c
	queryName	Text	My Saved Query
	saveAsNew	Hidden	yes
	method	Simple Link	returnSavedUserQueries
	method	Simple Link	delete
	queryName	Text	My Saved Query
	saveAsNew	Hidden	yes
http://cancermodels-qa.nci.nih.gov/camod/SearchAdminAssignmentAction.do			
	org.apache.struts.taglib.html.TOKEN	Hidden	2336a25eff897b6f02bea9e01cc5cf5c
	currentState	Select	Complete-not screened
	currentState	Select	Complete-not screened
http://cancermodels-qa.nci.nih.gov/camod/SearchSimpleAction.do			
	keyword	Text	1234
	modelDescriptor	Text	test
	piName	Select	Lowell*, Bradford
	species	Select	Equus caballus
	organTissueCode	Hidden	
	organTissueName	Hidden	
	organ	Text	1234
	submitAction	Submit	Clear
	keyword	Text	1234
	modelDescriptor	Text	test

URL	Name	Type	Value
	piName	Select	Herlyn, Meenhard
http://cancermodels-qa.nci.nih.gov/camod/SearchTableOfContentsPopulateAction.do			
	unprotected_method	Simple Link	populate
http://cancermodels-qa.nci.nih.gov/camod/SignalingMoleculePopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do			
	unprotected_method	Simple Link	populate
	unprotected_method	Simple Link	setSpeciesForOrganTree
	keyword	Text	
	modelDescriptor	Text	
	piName	Select	Zornig, Martin
	species	Select	
	organTissueCode	Hidden	
	organTissueName	Hidden	
	organ	Text	
http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=69CB1E0152BE4BD12C6C06D40228D9DA			
	__patternParameter__ JSESSIONID____0	Simple Link	FB312E7162B83DDE41699DDE41965D81
http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	unprotected_method	Simple Link	populate
	__patternParameter__ JSESSIONID____0	Simple Link	69CB1E0152BE4BD12C6C06D40228D9DA
	unprotected_method	Simple Link	populate
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
http://cancermodels-qa.nci.nih.gov/camod/SirnaPopulateAction.do			
	method	Simple Link	delete
	aConceptCode	Simple Link	C2191
http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do			
	method	Simple Link	dropdown

URL	Name	Type	Value
http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do			
	method	Simple Link	returnSavedUserQueries
	aModelID	Simple Link	150106693
http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE			
	method	Simple Link	delete
	aModelID	Simple Link	150106693
	__patternParameter__ JSESSIONID____0	Simple Link	190CC8A7183F45DA060FD56BE7BAE5A C
http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=51BE5F39E8F10D857B33F36E46B1C35A			
	method	Simple Link	returnUserModels
	aModelID	Simple Link	150107289
	__patternParameter__ JSESSIONID____0	Simple Link	E8829A8065D84C5CD1E27A7198FEB063
http://cancermodels-qa.nci.nih.gov/camod/SurgeryPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do			
	method	Simple Link	dropdown
http://cancermodels-qa.nci.nih.gov/camod/TherapyPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/TransplantationPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/TransposonPopulateAction.do			
	method	Simple Link	delete
http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do			
	aModelID	Simple Link	136
	unprotected_method	Simple Link	populateCarcinogenicInterventions
http://cancermodels-qa.nci.nih.gov/camod/ViewTOCSearchResultsAction.do			
	aTOCQueryKey	Simple Link	Rattus_Norvegicus_Query
http://cancermodels-qa.nci.nih.gov/camod/ViralTreatmentPopulateAction.do			
	method	Simple Link	delete

URL	Name	Type	Value
http://cancermodels-qa.nci.nih.gov/camod/ZFINPopulateAction.do			
	method	Simple Link	delete
	lab	Simple Link	ZFIN
http://cancermodels-qa.nci.nih.gov/camod/infoAccessibility.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	44383BB2477788AB218E0AD745DE2587
	__patternParameter__ JSESSIONID____0	Simple Link	76193423B3B181A4B044B2CEDC1C8FC8
http://cancermodels-qa.nci.nih.gov/camod/infoApplicationSupport.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	69CB1E0152BE4BD12C6C06D40228D9D A
	__patternParameter__ JSESSIONID____0	Simple Link	76193423B3B181A4B044B2CEDC1C8FC8
http://cancermodels-qa.nci.nih.gov/camod/infoContactUs.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	C4694532253F62B66F7EF366D2A9BCA9
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
http://cancermodels-qa.nci.nih.gov/camod/infoDisclaimer.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	C4694532253F62B66F7EF366D2A9BCA9
	__patternParameter__ JSESSIONID____0	Simple Link	6DAB87517F6D6E2FB7E99F7ECAE8CF1 9
http://cancermodels-qa.nci.nih.gov/camod/infoReleaseNotes.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	C4694532253F62B66F7EF366D2A9BCA9
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
http://cancermodels-qa.nci.nih.gov/camod/infoViewLicense.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	80CEAAD68396FBA238B9F7AC2D9014A2
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
http://cancermodels-qa.nci.nih.gov/camod/infoWhatsNew.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			

URL	Name	Type	Value
	__patternParameter__ JSESSIONID____0	Simple Link	BB812C07FCD096CCBEF8C9C43095229 A
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
http://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	69CB1E0152BE4BD12C6C06D40228D9D A
	__patternParameter__ JSESSIONID____0	Simple Link	79775987E1D75BCC8EDFA19487E8517F
http://cancermodels-qa.nci.nih.gov/camod/jsp/searchResults.jsp			
	d-16544-o	Simple Link	2
	aTOCQueryKey	Simple Link	Rattus_Rattus_Query
	d-16544-s	Simple Link	1
http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/adminModelsAssignment.jsp			
	d-16544-p	Simple Link	2
https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do			
	username	Text	camodcurator2
	password	Password	DataEntry9
	username	Text	camodcurator2
	password	Password	DataEntry9!
	username	Text	camodcurator2
	password	Password	DataEntry9!
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do			
	method	Simple Link	returnUserModels
	method	Simple Link	returnUserModels
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do			
	method	Simple Link	delete
https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do			
	method	Simple Link	delete
https://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do			
	unprotected_method	Simple Link	populate
	unprotected_method	Simple Link	populate

URL	Name	Type	Value
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE			
	__patternParameter__ JSESSIONID____0	Simple Link	22420689254AF3C8E21A1B3F0C5FB0DE
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE			
	method	Simple Link	returnSavedUserQueries
	aModelID	Simple Link	150106710
	__patternParameter__ JSESSIONID____0	Simple Link	3A3A111005CF52CF7B91ABBBFA320DCE
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B			
	method	Simple Link	dropdown
	aModelID	Simple Link	150106693
	__patternParameter__ JSESSIONID____0	Simple Link	4B1122012B8878784C3EEC309194E68B
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A			
	method	Simple Link	returnUserModels
	__patternParameter__ JSESSIONID____0	Simple Link	BB812C07FCD096CCBEF8C9C43095229A
	method	Simple Link	returnUserModels
	__patternParameter__ JSESSIONID____0	Simple Link	22A5647C1B85D655A35F74F03BDF0AB6
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28			
	__patternParameter__ JSESSIONID____0	Simple Link	76193423B3B181A4B044B2CEDC1C8FC8
	__patternParameter__ JSESSIONID____0	Simple Link	69CB1E0152BE4BD12C6C06D40228D9DA
	__patternParameter__ JSESSIONID____0	Simple Link	0C3F2E6EDEECF801249CCE30958CD6E8
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7			
	method	Simple Link	delete
	aModelID	Simple Link	150107169
	__patternParameter__ JSESSIONID____0	Simple Link	57ACD0A1B522BC2C08FE7ABA9DEE38C2
https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C			

URL	Name	Type	Value
	method	Simple Link	dropdown
	lab	Simple Link	Jackson
	__patternParameter__ JSESSIONID____0	Simple Link	E79AD24F5C001F3830C93DB65688E13C

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063

	method	Simple Link	returnUserModels
	aModelID	Simple Link	150107289
	__patternParameter__ JSESSIONID____0	Simple Link	E8829A8065D84C5CD1E27A7198FEB063

https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A

	lastName	Simple Link	1234
	phone	Simple Link	555-555-5555
	email	Simple Link	ncicbiitsecurityteam%40mail.nih.gov
	affiliation	Simple Link	1234
	firstName	Simple Link	1234
	org.apache.struts.tagli b.html.CANCEL	Simple Link	Cancel
	piUsername	Simple Link	vandersandenj
	principallInvestigator	Simple Link	on
	__patternParameter__ JSESSIONID____0	Simple Link	EF85CD5E6ECCD1FE7803E058461B2E9 A
	piLastName	Simple Link	1234
	lastName	Simple Link	1234
	phone	Simple Link	555-555-5555
	piFirstName	Simple Link	1234
	piEmail	Simple Link	ncicbiitsecurityteam%40mail.nih.gov
	email	Simple Link	ncicbiitsecurityteam%40mail.nih.gov
	affiliation	Simple Link	1234
	firstName	Simple Link	1234
	org.apache.struts.tagli b.html.CANCEL	Simple Link	Cancel
	piUsername	Simple Link	liangd

URL	Name	Type	Value
	principallInvestigator	Simple Link	on
	__patternParameter__ JSESSIONID____0	Simple Link	EF85CD5E6ECCD1FE7803E058461B2E9 A
https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html			
	single	Simple Link	true
	context	Simple Link	caMOD_Online_Help
	topic	Simple Link	login_page_help
	single	Simple Link	true
	context	Simple Link	caMOD_Online_Help
	topic	Simple Link	login_page_help
https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm			
	single	Simple Link	true
	context	Simple Link	caMOD_Online_Help
	topic	Simple Link	login_page_help
https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm			
	context	Simple Link	caMOD_Online_Help
	topic	Simple Link	login_page_help

Broken Links

Reason	URL
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js

Reason	URL
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/login.jsp
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/builder.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/dragdrop.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/slider.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/login.jsp
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/scripts/global.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/RoboHelp_CSH.js
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/submitMicroarrayData.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgeneAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/scripts/global.js

Reason	URL
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgeneAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgeneAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/EvsTree.js
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/scripts/global.js
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsAction.do

Reason	URL
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchAdminAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/jsp/viewLicense.jsp
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/login.jsp
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/scripts/global.js
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchAdvancedAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchAdvancedAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchSimpleAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchSimpleAction.do
Response Status 500 - Internal Server Error	http://cancermodels-qa.nci.nih.gov/camod/SearchSimpleAction.do
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/scripts/EvsTree.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/builder.js

Reason	URL
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/dragdrop.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/js/slider.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/jsp/WebHelp/caMOD_Online_Help/index.html
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/login.jsp
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/login.jsp
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/camod/WebHelp/scripts/global.js
Response Status 404 - Not Found	http://cancermodels-qa.nci.nih.gov/scripts/TipMessages.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/scripts/global.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/common/private/title.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/private/options.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/private/locale.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/browser.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/strutils.js

Reason	URL
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/switch.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/wwhelp/wwhimpl/common/private/title.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/private/title.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/private/popupf.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/private/options.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/private/locale.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/browser.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/popup.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/filelist.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/private/title.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/booklist.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/private/popupf.js

Reason	URL
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/bookgrps.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/help.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/control.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/related.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/popup.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/strutils.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/filelist.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/highlights.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/booklist.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/bookgrps.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/handler.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/private/options.js

Reason	URL
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/help.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/private/locale.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/controls.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/tabs.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/related.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/outline.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/outlsafe.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/outlfast.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/handler.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/index.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/pairs.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/phrase.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/mltphrs.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/search.js

Reason	URL
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/favorite.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/panels.js
Response Status 404 - Not Found	https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/javascpt.js

JavaScripts

Script	URL
document.location.href='#'	http://cancermodels-qa.nci.nih.gov/camod/
changeMenuStyle (this,'subMenuSecondaryTitleOver'),showCursor ()	http://cancermodels-qa.nci.nih.gov/camod/
changeMenuStyle (this,'footerMenuItemOver'),showCursor()	http://cancermodels-qa.nci.nih.gov/camod/
myRef = window.open ('./WebHelp/caMOD_Online_Help/UserGuide.pdf', 'mywin', 'left=20,top=20,width=900,height=700,statu s=1,scrollbars=1,toolbar=1,resizable=1');myRe f.focus()	http://cancermodels-qa.nci.nih.gov/camod/
myRef = window.open ('./WebHelp/caMOD_Online_Help/index.html', 'my win', 'left=20,top=20,width=700,height=500,statu s=1,scrollbars=1,toolbar=1,resizable=0');myRe f.focus()	http://cancermodels-qa.nci.nih.gov/camod/
function blankCurrentState() { document.curationAssignmentForm.currentState. value = ''; }	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
blankCurrentState()	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
openHelpwindow ('WebHelp/caMOD_Online_Help/index.html')	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
openHelpwindow ('WebHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=a dministration_roles_help')	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE

Script	URL
<pre>function enableUsername() { ideControl = document.forms [0].username.disabled = false; }</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=us er_settings_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1
<pre>function blankKeyword() { document.searchForm.keyword.value = ''; } function checkFields() { toggleField (document.searchForm.searchEngineeredTransgen e[0], document.searchForm.transgeneName); toggleField (document.searchForm.searchTargetedModificati on[0], document.searchForm.geneName); toggleField (document.searchForm.searchTherapeuticApproac hes[0], document.searchForm.therapeuticApproach); } function enableFields() { document.searchForm.organ.disabled = false; document.searchForm.tumorClassification.di sabled = false; } function getOptions(control) { form = control.form; form.action = "AdvancedSearchPopulateAction.do? unprotected_method=setAgentNameDropdown"; form.submit(); } function setAgentName() { document.forms[0].agentName.value = document.searchForm.agentName; } function getOrganDiseaseTree(control) { ... myRef = window.open ('http://www.ncbi.nlm.nih.gov/entrez/query.fc gi?db=PubMed', 'mywin', 'left=20,top=20,width=700,height=700,statu s=1,scrollbars=1,toolbar=1,resizable=1');myRe f.focus() clearOrganDiseaseTree(this);</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do

Script	URL
<pre>openHelpWindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=adv anced_search_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
<pre>new AjaxJspTag.AutoComplete("/camod/autocomplete.view", { source: "tumorClassification", target: "diagnosisCode", minimumCharacters: "1", className: "autocomplete", parameters: "diagnosisCode={diagnosisCode}" });</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
<pre>checkFields(); setAgentName(); getOrganDiseaseTree();</pre>	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
<pre>var call = new CalendarPopup();</pre>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
<pre>function chkOtherStrain() { var strain = document.forms [0].ethnicityStrain; var otherStrain = document.forms [0].otherEthnicityStrain; chkOther(strain, otherStrain); } function getOptions(control) { form = control.form; form.action = "AnimalModelPopulateAction.do? method=setStrainDropdown&page=newModel"; form.submit(); } function immediateRelease() { document.forms [0].calendarReleaseDateDisp.value = ''; document.forms [0].calendarReleaseDate.value = ''; return true; } function selectFromCalendar() { call.select(document.forms [0].calendarReleaseDateDisp, 'calendarReleaseDateDisp', 'MM/dd/yyyy'); return true; } ... return immediateRelease();</pre>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE

Script	URL
<code>return selectFromCalendar();</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
<code>openHelpwindow ('webHelp/caMOD_Online_Help/index.html?single=true&context=caMOD_Online_Help&topic=model_characteristics_help')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
<code>var focusControl = document.forms ["modelCharacteristicsForm"].elements ["modelDescriptor"]; if (focusControl.type != "hidden" && !focusControl.disabled) { focusControl.focus(); }</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
<code>chkOtherStrain();</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
<code>SwitchMenu('sub1')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>ChangeClass('menu1','masterTitleOver')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>SwitchMenu('sub2')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>ChangeClass('menu2','masterTitleOver')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>SwitchMenu('sub3')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>ChangeClass('menu3','masterTitleOver')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>SwitchMenu('sub4')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>ChangeClass('menu4','masterTitleOver')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
<code>SwitchMenu('sub5')</code>	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do

Script	URL
ChangeClass('menu5','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub6')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu6','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub7')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu7','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub8')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu8','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub9')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu9','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub10')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu10','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub11')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu11','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
SwitchMenu('sub12')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
ChangeClass('menu12','masterTitleOver')	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do

Script	URL
<pre>openHelpwindow ('WebHelp/camOD_Online_Help/index.html? single=true&context=camOD_Online_Help&topic=m odel_status_help')</pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do</p>
<pre>function selectUnselectMatchingOptions (obj,regex,which,only){if(window.RegExp){if (which == "select"){var selected1=true;var selected2=false;}else if(which == "unselect") {var selected1=false;var selected2=true;}else {return;}var re = new RegExp(regex);for(var i=0;i<obj.options.length;i++){if(re.test (obj.options[i].text)){obj.options [i].selected = selected1;}else{if(only == true){obj.options[i].selected = selected2;}}}} function selectMatchingOptions(obj,regex) {selectUnselectMatchingOptions (obj,regex,"select",false);} function selectOnlyMatchingOptions (obj,regex){selectUnselectMatchingOptions (obj,regex,"select",true);} function unselectMatchingOptions (obj,regex){selectUnselectMatchingOptions (obj,regex,"unselect",false);} function sortSelect(obj){var o = new Array ();if(obj.options==null){return;}for(var i=0;i<obj.options.length;i++){o[o.length] = new Option(obj.options[i].text, obj.options [i].value, obj.options[i].defaultSelected, obj.options[i].selected) ;}if(o.length==0) {return;}o = o.sort(function(a,b){if((a.text+"") <(b.text+"")) {return -1;}if((a.text+"") >(b.text+"")) {return 1;}return 0;});for(var i=0;i<o.length;i++){obj.options[i] = new Option(o[i].text, o[i].value, o [i].defaultSelected, o[i].selected);}} function selectAllOptions(obj){for(var i=0;i<obj.options.length;i++){obj.options [i].selected = true;}} function moveSelectedOptionsLeft(from,to) { if (document.forms [0].selectedColumnsToDisplay.options.length > 5) { document.images['rightarrow'].src = '/camod/images/blank.gif'; } else { document.images['rightarrow'].src = '/camod/images/rightarrow.gif'; } if(arguments.length>3) { var regex = arguments[3]; if(regex != "") { unselectMatchingOptions (from,regex); } } for(var i=0;i<from.options.length;i++) { ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do</p>

Script	URL
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=c ustomizing_search_results_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>moveSelectedOptionsRight(document.forms [0].columnsToDisplay, document.forms [0].selectedColumnsToDisplay);</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>moveSelectedOptionsLeft(document.forms [0].selectedColumnsToDisplay, document.forms [0].columnsToDisplay);</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>moveOptionUp(document.forms [0].selectedColumnsToDisplay);</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>moveOptionDown(document.forms [0].selectedColumnsToDisplay);</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>var focusControl = document.forms ["customizeSearchResultsForm"].elements ["columnsToDisplay"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>removeAllSelected(); chkSizeOfList();</pre>	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
<pre>function chkConditional() { if(document.forms[0].conditionedBy [0].checked == true) { enableFieldUnsize(d=document.forms [0].description); } else { disableFieldUnsize(d=document.forms [0].description); } }</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>chkIntegration(this);</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>myRef = window.open ('http://zfin.org/', 'mywin', 'left=20,top=20,width=700,height=700,statu s=1,scrollbars=1,toolbar=1,resizable=1');myRe f.focus()</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=c ransgene_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do

Script	URL
<pre>chkIntegration(); chkConditional(); chkName(); chkOther_t1(); chkOther_t2(); chkOther_t3(); chkOther_PS(); chkOther_SS();</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>var focusControl = document.forms ["engineeredTransgeneForm"].elements ["isRandom"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>myRef = window.open ('http://www.informatics.jax.org/', 'mywin', 'left=20,top=20,width=700,height=700,status=1,scrollbars=1,toolbar=1,resizable=1');myRef.focus()</pre>	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=genomic_segment_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentPopulateAction.do
<pre>var focusControl = document.forms ["genomicSegmentForm"].elements ["locationOfIntegration"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentPopulateAction.do
<pre>chkSegmentName(); chkIntegration();</pre>	http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentPopulateAction.do
<pre>myRef = window.open ('http://chemfinder.cambridgesoft.com/', 'mywin', 'left=20,top=20,width=700,height=700,status=1,scrollbars=1,toolbar=1,resizable=1');myRef.focus()</pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
<pre>myRef = window.open ('http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=gene', 'mywin', 'left=20,top=20,width=700,height=700,status=1,scrollbars=1,toolbar=1,resizable=1');myRef.focus()</pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
<pre>function chkInducingAgent() { chkOther(document.forms[0].type, document.forms[0].otherType); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=induced_mutation_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do

Script	URL
<pre> var focusControl = document.forms ["inducedMutationForm"].elements["name"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); } </pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
<pre> chkInducingAgent(); chkObservation(); </pre>	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
<pre> function checkFields() { ideControl = document.forms [0].principalInvestigator; if(ideControl.checked == true) { document.forms [0].piFirstName.disabled = true; document.forms [0].piFirstName.value= ''; document.forms [0].piFirstName.className = "formFieldSizedDisabled"; document.forms [0].piLastName.disabled = true; document.forms[0].piLastName.value= ''; document.forms [0].piLastName.className = "formFieldSizedDisabled"; document.forms [0].piUsername.disabled = true; document.forms[0].piUsername.value= ''; document.forms [0].piUsername.className = "formFieldDisabled"; document.forms[0].piEmail.disabled = true; document.forms[0].piEmail.value= ''; document.forms[0].piEmail.className = "formFieldSizedDisabled"; } else { document.forms [0].piUsername.disabled = false; document.forms [0].piUsername.className = "formFieldEnabled"; ideControl = document.forms [0].piUsername; if(ideControl.value == '') { document.forms [0].piFirstName.disabled = false; document.forms [0].piFirstName.className = "formFieldSizedEnabled"; document.forms [0].piLastName.disabled = false; ... </pre>	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9

Script	URL
checkFields()	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9
bCancel=true;	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9
openHelpwindow ('webHelp/caMOD_Online_Help/index.html?single=true&context=caMOD_Online_Help&topic=register_user_help')	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9
checkFields();	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9
openHelpwindow ('webHelp/caMOD_Online_Help/index.html?single=true&context=caMOD_Online_Help&topic=submit_edit_models_help')	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
openHelpwindow ('./webHelp/caMOD_Online_Help/index.html')	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081312a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081312a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081312b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081312b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081312c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
<code>return confirm('Are you sure you want to delete this record (081312c)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to duplicate this record (081312d)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to delete this record (081312d)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to duplicate this record (081312e)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to delete this record (081312e)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to duplicate this record (081312f)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to delete this record (081312f)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to duplicate this record (081412a)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to delete this record (081412a)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to duplicate this record (081412b)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
<code>return confirm('Are you sure you want to delete this record (081412b)?');</code>	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
return confirm('Are you sure you want to duplicate this record (081412c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412d)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412d)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412f)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412f)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412g)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412g)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412h)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412h)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412i)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
return confirm('Are you sure you want to delete this record (081412i)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412j)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412j)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412k)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412k)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412l)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412l)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412m)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412m)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412n)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412n)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
return confirm('Are you sure you want to duplicate this record (081412o)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412o)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412p)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412p)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412q)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412q)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081412r)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081412r)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (081512a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (081512a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (082112b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
return confirm('Are you sure you want to delete this record (082112b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (091212a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (091212a)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (091212b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (091212b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (091212c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (091212c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (Test)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (Test)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (test)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
return confirm('Are you sure you want to duplicate this record (Test Model 1_01032011)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (Test Model 1_01032011)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test081412c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (test081412c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test_b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (test_b)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test_c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (test_c)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test_d)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to delete this record (test_d)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
return confirm('Are you sure you want to duplicate this record (test_e)?');	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Script	URL
<code>return confirm('Are you sure you want to delete this record (test_e)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to duplicate this record (test_f)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to delete this record (test_f)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to duplicate this record (test_g)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to delete this record (test_g)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to duplicate this record (test_h)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to delete this record (test_h)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to duplicate this record (test_j)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to delete this record (test_j)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to duplicate this record (test_k)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>return confirm('Are you sure you want to delete this record (test_k)?');</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7</code>
<code>openHelpwindow('webHelp/camOD_Online_Help/index.html?single=true&context=camOD_Online_Help&topic=saving_search_query_help')</code>	<code>http://cancermodels-qa.nci.nih.gov/camod/SaveQueryAction.do</code>

Script	URL
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic= oc_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/SearchTableOfContentsPopulateAction.do
<pre>function blankkeyword() { document.searchForm.keyword.value = ''; } function enableOrgan() { document.searchForm.organ.disabled = false; } function disableOrgan() { document.searchForm.organ.disabled = true; } function getOrganTree(control) { form = control.form; form.action = "SimpleSearchPopulateAction.do? unprotected_method=setSpeciesForOrganTree"; form.submit(); } function clearOrganTree(control) { document.searchForm.modelDescriptor.value = ''; document.searchForm.keyword.value = ''; document.searchForm.piName.value = ''; document.searchForm.species.value = ''; document.searchForm.organTissueCode.value = ''; document.searchForm.organTissueName.value = ''; document.searchForm.organ.value = ''; form = control.form; form.action = "SimpleSearchPopulateAction.do? unprotected_method=clearSpeciesForOrganTree"; ... } blankkeyword()</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>clearOrganTree(this);</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=s imple_search_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28

Script	URL
<pre>new AjaxJspTag.AutoComplete("/camod/autocomplete.view", { source: "modelDescriptor", target: "modelDescriptor", minimumCharacters: "1", className: "autocomplete", parameters: "modelDescriptor= {modelDescriptor}" });</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>new AjaxJspTag.AutoComplete("/camod/autocomplete.view", { source: "organ", target: "organTissueCode", minimumCharacters: "1", className: "autocomplete", parameters: "organTissueCode= {organTissueCode}" });</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>var focusControl = document.forms ["searchForm"].elements["keyword"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>getOrganTree();</pre>	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=s pontaneous_mutation_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do
<pre>var focusControl = document.forms ["spontaneousMutationForm"].elements["name"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do
<pre>chkobservation();</pre>	http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do

Script	URL
<pre> function chkTypeMod() { chkOther(document.forms [0].modificationType, document.forms [0].otherModificationType); } function chkConditional() { if (document.forms[0].conditionedBy [0].checked == true) { enableField(document.forms [0].description); } else { disableField(document.forms [0].description); } } </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> myRef = window.open ('http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=gene', 'mywin', 'left=20,top=20,width=700,height=700,status=1,scrollbars=1,toolbar=1,resizable=1');myRef.focus() </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> chkConditional(this); </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> openHelpwindow ('webHelp/caMOD_Online_Help/index.html?single=true&context=caMOD_Online_Help&topic=targeted_modification_help') </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> var focusControl = document.forms ["targetedModificationForm"].elements ["name"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); } </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> chkTypeMod(); chkConditional(); </pre>	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
<pre> rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=General Information Page', 360, 305); </pre>	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
<pre> myRef = window.open ('html/disclaimer.html#external', 'mywin', 'left=20,top=20,width=800,height=200,status=1,scrollbars=1,toolbar=1,resizable=1');myRef.focus() </pre>	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
<pre> rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=Genetic Description Page', 360, 305); </pre>	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do

Script	URL
rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=330&aModelSectionName=Publications Page', 360, 305);	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=Carcinogenic Interventions Page', 360, 305);	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=Histopathology Page', 360, 305);	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=Cell Lines Page', 360, 305);	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
rs ('commentwin', 'AddCommentsPopulateAction.do? aModelID=136&aModelSectionName=Transplantation Page', 360, 305);	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
openHelpwindow ('WebHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=c omments_assignment_help')	http://cancermodels-qa.nci.nih.gov/camod/adminCommentsAssignment.do
function blankModelId() { document.curationAssignmentForm.modelId.value = ''; } function blankCurrentState() { document.curationAssignmentForm.currentState.value = ''; }	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
blankModelId()	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
openHelpwindow ('WebHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=c reening_model_help')	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
var focusControl = document.forms ["curationAssignmentForm"].elements ["modelId"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
blankCurrentState();	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
function blankCurrentState() { document.curationAssignmentForm.currentState.value = ''; }	http://cancermodels-qa.nci.nih.gov/camod/adminModelsAssignment.do

Script	URL
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=mo odels_assignment_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/adminModelsAssignment.do
<pre>blankCurrentState();</pre>	http://cancermodels-qa.nci.nih.gov/camod/adminModelsAssignment.do
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=d rug_screening_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do
<pre>new AjaxJspTag.AutoComplete("/camod/autocomplete.view", { source: "NSCNumber", target: "NSCNumber", minimumCharacters: "1", className: "autocomplete", parameters: "NSCNumber={NSCNumber}" });</pre>	http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do
<pre>var focusControl = document.forms ["drugScreenSearchForm"].elements ["NSCNumber"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do
<pre>var focusControl = document.forms ["saveQueryForm"].elements["queryName"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	http://cancermodels-qa.nci.nih.gov/camod/searchResults.do
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=s earch_results_help')</pre>	http://cancermodels-qa.nci.nih.gov/camod/searchResults.do

Script	URL
<pre> /** * Copyright 2005 Darren L. Spurgeon * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ var AjaxJspTag = { Version: '1.2' } /** * Global variables */ AJAX_DEFAULT_PARAMETER = "ajaxParameter"; AJAX_PORTLET_MAX = 1; AJAX_PORTLET_MIN = 2; AJAX_PORTLET_CLOSE = 3; AJAX_CALLOUT_OVERLIB_DEFAULT = "STICKY," + "CLOSECLICK," + "DELAY,250," ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/js/ajaxtags-1.2-beta2.js</p>

Script	URL
<pre> /** * Copyright 2005 Darren L. Spurgeon * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ var AjaxJspTag = { Version: '1.2' } /** * Global variables */ AJAX_DEFAULT_PARAMETER = "ajaxParameter"; AJAX_PORTLET_MAX = 1; AJAX_PORTLET_MIN = 2; AJAX_PORTLET_CLOSE = 3; AJAX_CALLOUT_OVERLIB_DEFAULT = "STICKY," + "CLOSECLICK," + "DELAY,250," ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/js/ajaxtags-1.2-beta2.js </pre>

Script	URL
<pre> // Copyright (c) 2005 Thomas Fuchs (http://script.aculo.us, http://mir.aculo.us) // (c) 2005 Ivan Krstic (http://blogs.law.harvard.edu/ivan) // (c) 2005 Jon Tirsen (http://www.tirsen.com) // Contributors: // Richard Livsey // Rahul Bhargava // Rob Wills // // See scriptaculous.js for full license. // Autocompleter.Base handles all the autocompletion functionality // that's independent of the data source for autocompletion. This // includes drawing the autocompletion menu, observing keyboard // and mouse events, and similar. // // Specific autocompleters need to provide, at the very least, // a getUpdatedChoices function that will be invoked every time // the text inside the monitored textbox changes. This method // should get the text for which to provide autocompletion by // invoking this.getToken(), NOT by directly accessing // this.element.value. This is to allow incremental tokenized // autocompletion. Specific auto-completion logic (AJAX, etc) // belongs in getUpdatedChoices. // // Tokenized incremental autocompletion is enabled automatically // when an autocompleter is instantiated with the 'tokens' option // in the options parameter, e.g.: // new Ajax.Autocompleter('id','upd', 'url/', { tokens: ',' }); // will incrementally autocomplete with a comma as the token. // Additionally, ',' in the above example can be replaced with ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/js/controls.js</p>

Script	URL
<pre> // Copyright (c) 2005 Thomas Fuchs (http://script.aculo.us, http://mir.aculo.us) // Contributors: // Justin Palmer (http://encytemedia.com/) // Mark Pilgrim (http://diveintomark.org/) // Martin Bialasinski // // See scriptaculous.js for full license. /* ----- element ext ----- */ // converts rgb() and #xxx to #xxxxxx format, // returns self (or first argument) if not convertable String.prototype.parseColor = function() { var color = '#'; if(this.slice(0,4) == 'rgb(') { var cols = this.slice(4,this.length- 1).split(','); var i=0; do { color += parseInt(cols [i]).toColorPart() } while (++i<3); } else { if(this.slice(0,1) == '#') { if(this.length==4) for(var i=1;i<4;i++) color += (this.charAt(i) + this.charAt (i)).toLowerCase(); if(this.length==7) color = this.toLowerCase(); } } return(color.length==7 ? color : (arguments [0] this)); } Element.collectTextNodes = function(element) { return \$A(\$(element).childNodes).collect (function(node) { return (node.nodeType==3 ? node.nodeValue : (node.hasChildNodes() ? Element.collectTextNodes(node) : '')); }); ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/js/effects.js</p>

Script	URL
<pre> /* Prototype JavaScript framework, version 1.4.0 * (c) 2005 Sam Stephenson <sam@conio.net> * * THIS FILE IS AUTOMATICALLY GENERATED. When sending patches, please diff * against the source tree, available from the Prototype darcs repository. * * Prototype is freely distributable under the terms of an MIT-style license. * * For details, see the Prototype web site: http://prototype.conio.net/ * /*----- -----*/ var Prototype = { Version: '1.4.0', ScriptFragment: '(?:<script.*?>)((\\n \\r .)*?)(?:</script>)', emptyFunction: function() {}, K: function(x) {return x} } var Class = { create: function() { return function() { this.initialize.apply(this, arguments); } } } var Abstract = new Object(); ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/js/prototype-1.4.0.js </pre>

Script	URL
<pre> // Copyright (c) 2005 Thomas Fuchs (http://script.aculo.us, http://mir.aculo.us) // // Permission is hereby granted, free of charge, to any person obtaining // a copy of this software and associated documentation files (the // "Software"), to deal in the Software without restriction, including // without limitation the rights to use, copy, modify, merge, publish, // distribute, sublicense, and/or sell copies of the Software, and to // permit persons to whom the Software is furnished to do so, subject to // the following conditions: // // The above copyright notice and this permission notice shall be // included in all copies or substantial portions of the Software. // // THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, // EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF // MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND // NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE // LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION // OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION // WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. var Scriptaculous = { version: '1.5.3', require: function(libraryName) { // inserting via DOM fails in Safari 2.0, so brute force approach document.write('<script type="text/javascript" src="'+libraryName+'"></script>'); }, load: function() { if((typeof Prototype=='undefined') parseFloat(Prototype.Version.split(".") [0] + "." + ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/js/scriptaculous.js </pre>

Script	URL
<pre>// Copyright (c) 2005 Thomas Fuchs (http://script.aculo.us, http://mir.aculo.us) // // Permission is hereby granted, free of charge, to any person obtaining // a copy of this software and associated documentation files (the // "Software"), to deal in the Software without restriction, including // without limitation the rights to use, copy, modify, merge, publish, // distribute, sublicense, and/or sell copies of the Software, and to // permit persons to whom the Software is furnished to do so, subject to // the following conditions: // // The above copyright notice and this permission notice shall be // included in all copies or substantial portions of the Software. // // THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, // EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF // MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND // NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE // LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION // OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION // WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. var Scriptaculous = { Version: '1.5.3', require: function(libraryName) { // inserting via DOM fails in Safari 2.0, so brute force approach document.write('<script type="text/javascript" src="'+libraryName+'"></pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/js/scriptaculous.js</pre>
<pre>myRef = window.open (' ../webHelp/caMOD_Online_Help/UserGuide.pdf' , 'mywin', 'left=20,top=20,width=900,height=700,statu s=1,scrollbars=1,toolbar=1,resizable=1');myRe f.focus()</pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/jsp/viewLicense.jsp</pre>
<pre>myRef = window.open (' ../webHelp/caMOD_Online_Help/index.html', 'm ywin', 'left=20,top=20,width=700,height=500,statu s=1,scrollbars=1,toolbar=1,resizable=0');myRe f.focus()</pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/jsp/viewLicense.jsp</pre>

Script	URL
<pre> // ===== // Author: Matt Kruse <matt@mattkruse.com> // www: http://www.mattkruse.com/ // // NOTICE: You may use this code for any purpose, commercial or // private, without any further permission from the author. You may // remove this notice from your final code if you wish, however it is // appreciated by the author if at least my web site address is kept. // // You may *NOT* re-distribute this code in any way except through its // use. That means, you can include it in your product, or your web // site, or any other form where the code is actually being used. You // may not put the plain javascript up on your site for download or // include it in your javascript libraries for download. // If you wish to share this code with others, please just point them // to the URL instead. // Please DO NOT link directly to my .js files from your site. Copy // the files to your server and use them there. Thank you. // ===== /* Added for caMOD */ function setDefaultDate() { var now = new Date(); if (window.CP_targetInput.value == null window.CP_targetInput.value == "") { window.CP_targetInput.value = formatDate(now,window.CP_dateFormat); } } ... </pre>	<p>http://cancermodels- qa.nci.nih.gov/camod/scripts/CalendarPopup.js</p>

Script	URL
<pre> var skin = 'evsMOD'; windowTitle = "NCI Center for Bioinformatics"; // show tissue tree with fieldToBlank parameter function showMouseTissueTree(form, inConceptCode, inConceptName, inDisplayName, onlyLeaf, fieldsToBlank) { var paramsHT = {}; paramsHT.treeNameKey = 'MouseTissue'; paramsHT.formName = form; paramsHT.conceptCode = inConceptCode; paramsHT.conceptName = inConceptName; paramsHT.displayName = inDisplayName; paramsHT.postMsg = false; paramsHT.onlyLeaf = onlyLeaf; if (fieldsToBlank != undefined) paramsHT.fieldsToBlank = fieldsToBlank; paramsHT.windowTitle = 'Tissue Select'; showTree(paramsHT); } // show diagnosis tree with rootConceptNode parameter function showMouseDiagnosisTree(form, inConceptCode, inConceptName, inDisplayName, onlyLeaf, fieldsToBlank) { var paramsHT = {}; paramsHT.treeNameKey = 'MouseDiagnosis'; paramsHT.formName = form; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/scripts/EVSTreeScript.js</p>

Script	URL
<pre> <!-- /* DHTML tip message version 1.2 copyright Essam Gamal 2003 (http://migoicons.tripod.com, migoicons@hotmail.com) All modifications are done in the style.js. Created on : 06/03/2003 Script featured on SimplytheBest scripts at http://simplythebest.net/scripts/) */ var ua = navigator.userAgent var ps = navigator.productSub var dom = (document.getElementById)? 1:0 var ie4 = (document.all&&!dom)? 1:0 var ie5 = (document.all&&dom)? 1:0 var nn4 =(navigator.appName.toLowerCase() == "netscape" && parseInt(navigator.appVersion) == 4) var nn6 = (dom&&!ie5)? 1:0 var sNav = (nn4 nn6 ie4 ie5)? 1:0 var cssFilters = ((ua.indexOf("MSIE 5.5") >=0 ua.indexOf("MSIE 6")>=0)&&ua.indexOf ("Opera")<0)? 1:0 var Style=[],Text= [],Count=0,sbw=0,move=0,hs="",mx,my,scl,sct,w w,wh,obj,sl,st,ih,iw,vl,hl,sv,evlh,evlw,tbody var HideTip = "eval (obj+sv+h1+';'+obj+sl+'=0;'+obj+st+'=-800')" var doc_root = ((ie5&&ua.indexOf("Opera") <0 ie4)&&document.compatMode=="CSS1Compat")? "document.documentElement":"document.body" var PX = (nn6)? "px" :"" var FiltersEnabled = "" if(sNav) { window.onresize = ReloadTip document.onmousemove = MoveTip if(nn4) document.captureEvents (Event.MOUSEMOVE) } if(nn4 nn6) { mx = "e.pageX" my = "e.pageY" ... </pre>	<p>http://cancermodels- qa.nci.nih.gov/camod/scripts/TipCode.js</p>

Script	URL
<pre> function toggleField(control, field) { if(control.checked == false) { disableField(field); } else { enableField(field); } } function chkOther(vocab, otherVocab) { if(vocab.value == 'other') { enableField(otherVocab); } else { disableField(otherVocab); } } function chkOtherName() { var name = document.forms[0].name; var otherName = document.forms [0].otherName; chkOther(name, otherName); } function chkOtherAdminRoute() { ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/scripts/global.js </pre>
<pre> function toggleField(control, field) { if(control.checked == false) { disableField(field); } else { enableField(field); } } function chkOther(vocab, otherVocab) { if(vocab.value == 'other') { enableField(otherVocab); } else { disableField(otherVocab); } } function chkOtherName() { var name = document.forms[0].name; var otherName = document.forms [0].otherName; chkOther(name, otherName); } function chkOtherAdminRoute() { ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/scripts/global.js </pre>

Script	URL
<pre> // PickList script- By Sean Geraty (http://www.freewebs.com/sean_geraty/) // Visit JavaScript Kit (http://www.javascriptkit.com) for this JavaScript and 100s more // Please keep this notice intact // Control flags for list selection and sort sequence // Sequence is on option value (first 2 chars - can be stripped off in form processing) // It is assumed that the select list is in sort sequence initially var singleSelect = true; // Allows an item to be selected once only var sortSelect = true; // Only effective if above flag set to true var sortPick = true; // Will order the picklist in sort sequence // Initialise - invoked on load function initIt() { var selectList = document.getElementById ("selectList"); var selectOptions = selectList.options; var selectIndex = selectList.selectedIndex; var pickList = document.getElementById ("pickList"); var pickOptions = pickList.options; pickOptions[0] = null; // Remove initial entry from picklist (was only used to set default width) if (!(selectIndex > -1)) { selectOptions[0].selected = true; // Set first selected on load selectOptions[0].defaultSelected = true; // In case of reset/reload } selectList.focus(); // Set focus on the selectlist } // Adds a selected item into the picklist function addIt() { var selectList = document.getElementById ("selectList"); var selectIndex = selectList.selectedIndex; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/scripts/initIt.js</p>

Script	URL
<pre>function changeMenuStyle(obj, new_style) { obj.className = new_style; } function showCursor(){ document.body.style.cursor='hand' } function hideCursor(){ document.body.style.cursor='default' } function confirmDelete(){ if (confirm('Are you sure you want to delete?')){ return true; }else{ return false; } } function ChangeClass(menu, newClass) { if (document.getElementById) { document.getElementById (menu).className = newClass; } } var remote = null; function rs(n,u,w,h) { remote = window.open(u, n, 'width=' + w + ',height=' + h +',resizable=yes,scrollbars=yes'); ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/scripts/script.js</p>
<pre><!-- function wWhelpFrame_LaunchHelp() { var Parameters; var Parts; // Process URL parameters // Parameters = ""; if (location.href.indexOf("?") != -1) { Parts = location.href.split("?"); Parameters = "?" + Parts[1]; } setTimeout("location.replace (\\"wwhelp/wwhelp1/common/html/switch.htm" + Parameters + "\\");", 1); } // --> </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html</p>
<pre>wWhelpFrame_LaunchHelp();</pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html</p>

Script	URL
<pre data-bbox="224 331 799 661"><!-- // Set reference to top level help frame // var WWHFrame = eval("window.self"); window.name = "WWHFrame"; // Create browser info object // var WWHBrowser = new WWHBrowser_Object (); // Create switch object // var WWHSwitch = new WWHSwitch_Object(); // --></pre>	<p data-bbox="857 315 1404 399">http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm</p>
<pre data-bbox="224 693 706 724">WWHSwitch.fExec(true, location.href);</pre>	<p data-bbox="857 693 1404 777">http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm</p>
<pre data-bbox="224 798 812 1680">// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved. // function WWHCommonMessages_Object() { // Set default messages // WWHCommonMessages_Set_en(this); this.fSetByLocale = WWHCommonMessages_SetByLocale; } function WWHCommonMessages_SetByLocale (ParamLocale) { var LocaleFunction = null; // Match locale // if ((ParamLocale.length > 1) && (eval("typeof(WWHCommonMessages_Set_" + ParamLocale + ")") == "function")) { LocaleFunction = eval ("WWHCommonMessages_Set_" + ParamLocale); } else if ((ParamLocale.length > 1) && (eval("typeof (WWHCommonMessages_Set_" + ParamLocale.substring(0, 2) + ")") == "function")) { LocaleFunction = eval ("WWHCommonMessages_Set_" + ParamLocale.substring(0, 2)); } ... </pre>	<p data-bbox="857 798 1404 882">http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js</p>

Script	URL
<pre> // Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved. // function WWCommonSettings_Object() { this.mTitle = "caMOD Online Help"; this.mbCookies = true; this.mCookiesDaysToExpire = 30; this.mCookiesID = "1512729CDF44BC8"; this.mAccessible = "false"; this.mbsyncContentsEnabled = true; this.mbPrevEnabled = false; this.mbNextEnabled = false; this.mbRelatedTopicsEnabled = true; this.mbEmailEnabled = false; this.mbPrintEnabled = true; this.mbBookmarkEnabled = false; this.mbPDFEnabled = false; this.mEmailAddress = ""; this.mRelatedTopics = new WWCommonSettings_RelatedTopics_Object(); this.mALinks = new WWCommonSettings_ALinks_Object(); this.mPopup = new WWCommonSettings_Popup_Object(); this.mbHighlightingEnabled = true; this.mHighlightingForegroundColor = "#FFFFFF"; ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/private/options.j s </pre>

Script	URL
<pre>// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHPopupFormat_Translate(ParamText) { return ParamText; } function WWHPopupFormat_Format(ParamWidth, ParamTextID, ParamText) { var FormattedText = ""; var BackgroundColor = WWHFrame.WWHHelp.mSettings.mPopup.mBackground Color; var BorderColor = WWHFrame.WWHHelp.mSettings.mPopup.mBorderColo r; var ImageDir = WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/common/images"; var ReqSpacer1w2h = ""; var ReqSpacer2w1h = ""; var StyleAttribute; // Set style attribute to insure small image height // StyleAttribute = " style=\""font-size: 1px; line-height: 1px;\""; FormattedText += "<table width=\"4\" border=\"0\" cellspacing=\"0\" cellpadding=\"0\" bgcolor=\"" + BackgroundColor + "\">"; FormattedText += " <tr>"; FormattedText += " <td" + StyleAttribute + " height=\"2\" colspan=\"3\" bgcolor=\"" + BorderColor + "\">" + ReqSpacer1w2h + "</td>"; FormattedText += " </tr>"; ... </pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/private/popupf.js</pre>
<pre>// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved. // document.writeln("<title>caMOD Online Help</title>");</pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/private/title.js</pre>

Script	URL
<pre> // Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHBrowserUtilities_SearchReplace (ParamString, ParamSearchString, ParamReplaceString) { var ResultString; var Index; ResultString = ParamString; if ((ParamSearchString.length > 0) && (ResultString.length > 0)) { Index = 0; while ((Index = ResultString.indexOf (ParamSearchString, Index)) != -1) { ResultString = ResultString.substring (0, Index) + ParamReplaceString + ResultString.substring(Index + ParamSearchString.length, ResultString.length); Index += ParamReplaceString.length; } } return ResultString; } function WWHBrowserUtilities_EscapeURLForJavaScriptAnc hor(ParamURL) { var EscapedURL = ParamURL; ... </pre>	<p data-bbox="852 317 1404 430"> http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js </p>

Script	URL
<pre> // Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHHelp_Object(ParamURL) { var URLParams; this.mbInitialized = false; this.mbAccessible = false; this.mInitialTabName = null; this.mNewTabName = null; this.mInitStage = 0; this.mSettings = new WWHCommonSettings_Object(); this.mMessages = new WWHCommonMessages_Object(); this.mDocumentLoaded = null; this.mLocationURL = WWHFrame.WWHBrowser.fNormalizeURL(ParamURL); this.mBaseURL = WWHStringUtilities_GetBaseURL (this.mLocationURL); this.mHelpURLPrefix = WWHFrame.WWHBrowser.fRestoreEscapedSpaces (this.mBaseURL); this.mContextDir = null; this.mTopicTag = null; this.mDocumentURL = ""; this.mPopup = null; this.mPopupContext = ""; this.mPopupLink = ""; this.mBookGroups = new WWHBookGroups_Object(); this.mBooks = new WWHBookList_Object(); this.mFavoritesCookie = "WWH" + this.mSettings.mCookiesID + "_Favs"; this.mbIgnoreNextKeyPress = false; this.mbAltKeyDown = false; ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/scripts/help.js </pre>

Script	URL
<pre> // Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHHelp_Object(ParamURL) { var URLParams; this.mbInitialized = false; this.mbAccessible = false; this.mInitialTabName = null; this.mNewTabName = null; this.mInitStage = 0; this.mSettings = new WWhCommonSettings_Object(); this.mMessages = new WWhCommonMessages_Object(); this.mDocumentLoaded = null; this.mLocationURL = WWhFrame.WWhBrowser.fNormalizeURL(ParamURL); this.mBaseURL = WWhStringUtilities_GetBaseURL (this.mLocationURL); this.mHelpURLPrefix = WWhFrame.WWhBrowser.fRestoreEscapedSpaces (this.mBaseURL); this.mContextDir = null; this.mTopicTag = null; this.mDocumentURL = ""; this.mPopup = null; this.mPopupContext = ""; this.mPopupLink = ""; this.mBookGroups = new WWhBookGroups_Object(); this.mBooks = new WWhBookList_Object(); this.mFavoritesCookie = "WWH" + this.mSettings.mCookiesID + "_Favs"; this.mbIgnoreNextKeyPress = false; this.mbAltKeyDown = false; ... </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/scripts/help.js </pre>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHStringUtilities_GetBaseURL (ParamURL) { var BaseURL; var Parts; // Remove URL parameters // BaseURL = ParamURL; if (BaseURL.indexOf("?") != -1) { Parts = BaseURL.split("?"); BaseURL = Parts[0]; } // Trim down to last referenced directory // BaseURL = ParamURL.substring(0, ParamURL.lastIndexOf("/")); // Attempt to match known WWHelp directories // Parts = BaseURL.split ("/wwhelp/wwhimpl/common/html"); if (Parts[0] == BaseURL) { Parts = BaseURL.split ("/wwhelp/wwhimpl/js/html"); } ... </pre>	<pre>http://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/scripts/strutils.js </pre>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHSwitch_Object() { this.mParameters = ""; this.mImplementation = "javascript"; this.mSettings = new WWHCommonSettings_Object(); this.mMessages = new WWHCommonMessages_Object(); this.fExec = WWHSwitch_Exec; this.fParseURLParameters = WWHSwitch_ParseURLParameters; this.fProcessURL = WWHSwitch_ProcessURL; this.fSwitch = WWHSwitch_Switch; // Load up messages // this.mMessages.fSetByLocale (WWHFrame.WWHBrowser.mLocale); } function WWHSwitch_Exec(bParamNormalizeURL, ParamURL) { var TargetURL = ParamURL; var FrameSetURL = ""; // Determine cookie path // WWHFrame.WWHBrowser.fSetCookiePath (WWHStringUtilities_GetBaseURL(ParamURL)); ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js</p>

Script	URL
<pre><!-- // Set reference to top level help frame // var WWHFrame = eval("window.self"); window.name = "WWHFrame"; // Create browser info object // var WWHBrowser = new WWHBrowser_Object (); // Create new help object // var WWHHelp = new WWHHelp_Object (location.href); // Create controls object // var WWHControls = new WWHControls_Object (); // Create related topics object // var WWHRelatedTopics = new WWHRelatedTopics_Object(); // Create a links object // var WWHALinks = new WWHALinks_Object(); // Create highlight words object // var WWHHighlightwords = new WWHHighlightwords_Object(); ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm</p>

Script	URL
<pre>// Copyright (c) 2005-2005 Quadralay Corporation. All rights reserved. // function WWHFavorites_Object() { this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsFavorit esLabel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelnf.htm" : "panelfsf.htm"); this.mEventString = WWHPopup_EventString(); this.mFavorites = new Array(); this.mCurrent = new WWHFavoritesEntry_Object(-1, -1, ""); this.mDisplayIndex = 0; this.mHTMLSegment = new WWHStringBuffer_Object(); this.fInitHeadHTML = WWHFavorites_InitHeadHTML; this.fInitBodyHTML = WWHFavorites_InitBodyHTML; this.fNavigationHeadHTML = WWHFavorites_NavigationHeadHTML; this.fNavigationBodyHTML = WWHFavorites_NavigationBodyHTML; this.fHeadHTML = WWHFavorites_HeadHTML; this.fStartHTMLSegments = WWHFavorites_StartHTMLSegments; this.fAdvanceHTMLSegment = WWHFavorites_AdvanceHTMLSegment; this.fGetHTMLSegment = WWHFavorites_GetHTMLSegment; this.fEndHTMLSegments = WWHFavorites_EndHTMLSegments; this.fPanelNavigationLoaded = WWHFavorites_PanelNavigationLoaded; this.fPanelViewLoaded = WWHFavorites_PanelViewLoaded; this.fHoverTextTranslate = WWHFavorites_HoverTextTranslate; this.fHoverTextFormat = WWHFavorites_HoverTextFormat; this.fGetPopupAction = WWHFavorites_GetPopupAction; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js</p>

Script	URL
<pre>// Copyright (c) 2005-2005 Quadralay Corporation. All rights reserved. // function WWHFavorites_Object() { this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsFavorit esLabel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelnf.htm" : "panelfsf.htm"); this.mEventString = WWHPopup_EventString(); this.mFavorites = new Array(); this.mCurrent = new WWHFavoritesEntry_Object(-1, -1, ""); this.mDisplayIndex = 0; this.mHTMLSegment = new WWHStringBuffer_Object(); this.fInitHeadHTML = WWHFavorites_InitHeadHTML; this.fInitBodyHTML = WWHFavorites_InitBodyHTML; this.fNavigationHeadHTML = WWHFavorites_NavigationHeadHTML; this.fNavigationBodyHTML = WWHFavorites_NavigationBodyHTML; this.fHeadHTML = WWHFavorites_HeadHTML; this.fStartHTMLSegments = WWHFavorites_StartHTMLSegments; this.fAdvanceHTMLSegment = WWHFavorites_AdvanceHTMLSegment; this.fGetHTMLSegment = WWHFavorites_GetHTMLSegment; this.fEndHTMLSegments = WWHFavorites_EndHTMLSegments; this.fPanelNavigationLoaded = WWHFavorites_PanelNavigationLoaded; this.fPanelViewLoaded = WWHFavorites_PanelViewLoaded; this.fHoverTextTranslate = WWHFavorites_HoverTextTranslate; this.fHoverTextFormat = WWHFavorites_HoverTextFormat; this.fGetPopupAction = WWHFavorites_GetPopupAction; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHJavaScript_Object() { this.mSettings = new WWHJavaScriptSettings_Object(); this.mMessages = new WWHJavaScriptMessages_Object(); this.mInitialTab = -1; this.mbClickedChangeTab = false; this.mbChangingTabs = false; this.mCurrentTab = -1; this.mPanels = null; this.mTabs = null; this.mMaxHTMLSegmentSize = 8192; // Best tested value is 8192 this.fInit = WWHJavaScript_Init; this.fClickedChangeTab = WWHJavaScript_ClickedChangeTab; this.fClickedChangeTabWithDelay = WWHJavaScript_ClickedChangeTabWithDelay; this.fStartChangeTab = WWHJavaScript_StartChangeTab; this.fEndChangeTab = WWHJavaScript_EndChangeTab; this.fSyncTOC = WWHJavaScript_SyncTOC; this.fFavoritesCurrent = WWHJavaScript_FavoritesCurrent; // Load up messages // this.mMessages.fSetByLocale (WWHFrame.WWHBrowser.mLocale); // Disable hover text for accessibility or if popups are not supported // if ((! WWHFrame.WWHBrowser.mbSupportsPopups) ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js</p>

Script	URL
<pre> function MultiPhrase_Object(ParamText, ParamBookSearchInfoObject) { this.mSearchText = ParamText; this.mWords = new Array(); this.mPhrases = new Array(); this.mPhraseObjects = new Array(); this.mMatchRecords = new Array(); this.mBookSearchInfo = ParamBookSearchInfoObject; // Define functions for this object // this.fGetWords = MultiPhrase_GetWords; this.fGetPhrases = MultiPhrase_GetPhrases; this.fPhraseCount = MultiPhrase_PhraseCount; this.fGetMatches = MultiPhrase_GetMatchingPhrases; this.fResetMatches = MultiPhrase_ResetMatches; this.fCheckForMatch = MultiPhrase_CheckForMatch; this.fParse = MultiPhrase_Parse; this.t = MultiPhrase_Test; this.fTest = MultiPhrase_Test; } /***** Accessors *****/ // Returns all the search words that are not // part of // phrases and that are valid search terms // for the book // function MultiPhrase_GetWords() { return this.mWords; } ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwwhelp/wwwimpl/js/scripts/mltphrs.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHOutline_Object() { var bUseSafeMethods = true; // Determine display method based on browser type // if ((WWHFrame.WWHBrowser.mBrowser == 2) // Shorthand for IE (WWHFrame.WWHBrowser.mBrowser == 3) // Shorthand for iCab (WWHFrame.WWHBrowser.mBrowser == 4) // Shorthand for Netscape 6.0 (Mozilla) (WWHFrame.WWHBrowser.mBrowser == 5)) // Shorthand for Safari { bUseSafeMethods = false; } this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsTOCLabe l; this.mPanelTabIndex = -1; this.mPanelFilename = "panelvie.htm"; this.mInitIndex = 0; this.mBookEntryArray = new Array(); this.mEntryHash = new WWHOutlineEntryHash_Object(); this.mTopEntry = new WWHOutlineEntry_Top_Object(); this.mNextEntryID = 0; this.mMaxLevel = 0; this.mSyncBookIndex = null; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHOutline_Object() { var bUseSafeMethods = true; // Determine display method based on browser type // if ((WWHFrame.WWHBrowser.mBrowser == 2) // Shorthand for IE (WWHFrame.WWHBrowser.mBrowser == 3) // Shorthand for iCab (WWHFrame.WWHBrowser.mBrowser == 4) // Shorthand for Netscape 6.0 (Mozilla) (WWHFrame.WWHBrowser.mBrowser == 5)) // shorthand for Safari { bUseSafeMethods = false; } this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsTOCLabe l; this.mPanelTabIndex = -1; this.mPanelFilename = "panelvie.htm"; this.mInitIndex = 0; this.mBookEntryArray = new Array(); this.mEntryHash = new WWHOutlineEntryHash_Object(); this.mTopEntry = new WWHOutlineEntry_Top_Object(); this.mNextEntryID = 0; this.mMaxLevel = 0; this.mSyncBookIndex = null; ... </pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js</p>

Script	URL
<pre>function Phrase_Object(ParamPhrase) { // Array of search words // this.mWords = new Array(); // Original Search Phrase // this.mPhrase = ParamPhrase; // Pairs object containing the word pairs // of the phrase // this.mPairs = null; this.fTestPhrase = Phrase_TestPhrase; this.fIsMatch = Phrase_IsMatch; this.fParse = Phrase_Parse; this.fIsValidPhrase = Phrase_IsValidPhrase; // Accessors and other methods for testing // this.fGetWords = Phrase_GetWords; this.fGetPairsHash = Phrase_GetPairs; this.fResetMatches = Phrase_ResetMatches; } // Tests the word pair passed in as parameter // to check // if it exists in the word pair hash // function Phrase_TestPhrase(ParamFirst, ParamSecond) ...</pre>	<p>http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwwhelp/wwwimpl/js/scripts/phrase.js</p>
<pre>openHelpwindow ('webHelp/caMOD_Online_Help/index.html? single=true&context=caMOD_Online_Help&topic=1 ogin_page_help')</pre> <pre>stm(['Help', 'Click to get help for this page'], ['white', 'black', '#475b82', '#E3E3EB', '', '', '', '', '', '', 'left', '', '', '', 200, '', 2, 2, 10, 10, '' , '', '', '', ''])</pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28</p> <p>https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28</p>
<pre>var focusControl = document.forms ["loginForm"].elements["username"]; if (focusControl.type != "hidden" && ! focusControl.disabled) { focusControl.focus(); }</pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28</p>

Script	URL
<pre> <!-- // Set reference to top level help frame // var WWHFrame = eval("parent"); // Netscape Resize Fix // function WWHContentFrame_HandleResize() { if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape { WWHFrame.WWHHelp.fReloadLocation ("WWHDocumentFrame"); } function WWHContentFrame_HandleKeyDown (ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyDown (ParamEvent); } function WWHContentFrame_HandleKeyPress (ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyPress (ParamEvent); } function WWHContentFrame_HandleKeyUp (ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyUp (ParamEvent); } ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm</p>

Script	URL
<pre> <!-- var WWHFrame = null; // Set reference to top level help frame // if ((typeof(parent.WWHHelp) != "undefined") && (parent.WWHHelp != null)) { WWHFrame = eval("parent"); } else if ((typeof(parent.parent.WWHHelp) != "undefined") && (parent.parent.WWHHelp != null)) { WWHFrame = eval("parent.parent"); } function WWHPageNavFrame_HandleKeyDown (ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyDown (ParamEvent); } function WWHPageNavFrame_HandleKeyPress (ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyPress (ParamEvent); } function WWHPageNavFrame_HandleKeyUp (ParamEvent) { ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm</p>

Script	URL
<pre> <!-- // Set reference to top level help frame // var WWHFrame = eval("window.self"); window.name = "WWHFrame"; // Create browser info object // var WWHBrowser = new WWHBrowser_Object (); // Create switch object // var WWHSwitch = new WWHSwitch_Object(); // Create new help object // var WWHHelp = new WWHHelp_Object (location.href); // Create controls object // var WWHControls = new WWHControls_Object (); // Create related topics object // var WWHRelatedTopics = new WWHRelatedTopics_Object(); // Create a links object // var WWHALinks = new WWHALinks_Object(); ... </pre>	<p>https://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/html/wwhelp.ht m</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHBookGroups_Object() { this.mbShowBooks = false; this.mbExpandAllAtTop = false; this.mChildren = new Array(); this.fAddGrouping = WWHBookGroups_AddGrouping; this.fAddDirectory = WWHBookGroups_AddDirectory; } function WWHBookGroups_AddGrouping (ParamTitle, bParamExpand, ParamIcon, ParamOpenIcon) { var bExpandBookGrouping; var BookGrouping; // Set mbExpand to true if top entries are to be expanded // bExpandBookGrouping = false; if ((typeof(bParamExpand) != "undefined") && (bParamExpand != null) && (bParamExpand == true)) { bExpandBookGrouping = true; } ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHBook_Object(ParamDirectory) { // Set values from callbacks // this.mDirectory = null; this.mTitle = null; this.mContext = null; this.mFiles = new WWHFileList_Object(); // Fix up directory // if (ParamDirectory == ".") { this.mDirectory = ""; } else { this.mDirectory = ParamDirectory + "/"; } this.fInit = WWHBook_Init; } function WWHBook_Init(ParamTitle, ParamContext, ParamFilesFunction, ParamALinksFunction) ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js</p>
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHBook_Object(ParamDirectory) { // Set values from callbacks // this.mDirectory = null; this.mTitle = null; this.mContext = null; this.mFiles = new WWHFileList_Object(); // Fix up directory // if (ParamDirectory == ".") { this.mDirectory = ""; } else { this.mDirectory = ParamDirectory + "/"; } this.fInit = WWHBook_Init; } function WWHBook_Init(ParamTitle, ParamContext, ParamFilesFunction, ParamALinksFunction) ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHControlEntry_Object (ParamControlName, bParamEnabled, bParamStatus, ParamLabel, ParamIconEnabled, ParamIconDisabled, ParamAnchorMethod, ParamFrameName) { this.mControlName = ParamControlName; this.mbEnabled = bParamEnabled; this.mbStatus = bParamStatus; this.mLabel = ParamLabel; this.mIconEnabled = ParamIconEnabled; this.mIconDisabled = ParamIconDisabled; this.mAnchorMethod = ParamAnchorMethod; this.mFrameName = ParamFrameName; this.fSetStatus = WWHControlEntry_SetStatus; this.fGetIconURL = WWHControlEntry_GetIconURL; this.fGetHTML = WWHControlEntry_GetHTML; this.fGetLabel = WWHControlEntry_GetLabel; this.fUpdateIcon = WWHControlEntry_UpdateIcon; } function WWHControlEntry_SetStatus (bParamStatus) { ... </pre>	<pre>https://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/scripts/controls.j s</pre>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHFile_Object(ParamTitle, ParamHREF) { this.mTitle = ParamTitle; this.mHREF = ParamHREF; } function WWHFileList_Object() { this.mFileList = new Array(); this.mFileHash = new WWHFileHash_Object(); this.fEntries = WWHFileList_Entries; this.fAddFile = WWHFileList_AddFile; this.fA = WWHFileList_AddFile; this.fHREFToIndex = WWHFileList_HREFToIndex; this.fHREFToTitle = WWHFileList_HREFToTitle; this.fFileIndexToHREF = WWHFileList_FileIndexToHREF; this.fFileIndexToTitle = WWHFileList_FileIndexToTitle; } function WWHFileList_Entries() { return this.mFileList.length; } function WWHFileList_AddFile(ParamTitle, ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHHandler_Object() { this.mbInitialized = false; this.fInit = WWHHandler_Init; this.fFinalize = WWHHandler_Finalize; this.fGetFrameReference = WWHHandler_GetFrameReference; this.fGetFrameName = WWHHandler_GetFrameName; this.fIsReady = WWHHandler_IsReady; this.fUpdate = WWHHandler_Update; this.fSyncTOC = WWHHandler_SyncTOC; this.fFavoritesCurrent = WWHHandler_FavoritesCurrent; this.fProcessAccessKey = WWHHandler_ProcessAccessKey; this.fGetCurrentTab = WWHHandler_GetCurrentTab; this.fSetCurrentTab = WWHHandler_SetCurrentTab; } function WWHHandler_Init() { this.mbInitialized = true; WWHFrame.WWHHelp.fHandlerInitialized(); } function WWHHandler_Finalize() { } ... </pre>	<pre> https://cancermodels- qa.nci.nih.gov/camod/WebHelp/caMOD_Online_ Help/wwhelp/wwhimpl/common/scripts/handler.j s </pre>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function wWHhighlightwords_Object() { this.mwordList = null; this.fSetWordList = wWHhighlightwords_SetWordList; this.fExec = wWHhighlightwords_Exec; } function wWHhighlightwords_SetWordList (ParamWordList) { if (wWHFrame.wWHHelp.mSettings.mbHighlightingEna bled) { this.mwordList = ParamWordList; } else { this.mwordList = null; } } function wWHhighlightwords_Exec() { var MaxIndex; var Index; var WordExpressions; var LongestWordExpression; var MaxExpressionIndex; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function wwhPopup_Object(ParamThisPopupRef, ParamWindowRef, ParamPopupTranslateFunc, ParamPopupFormatFunc, ParamDivID, ParamTextID, ParamTimeout, ParamOffsetX, ParamOffsetY, ParamWidth) { this.mThisPopupRef = ParamThisPopupRef; this.mWindowRef = ParamWindowRef; this.mDivID = ParamDivID; this.mTextID = ParamTextID; this.mTimeout = (ParamTimeout > 0) ? ParamTimeout : 0; this.mOffsetX = ParamOffsetX; this.mOffsetY = ParamOffsetY; this.mwidth = ParamWidth; // updated when popup triggered // this.mbVisible = false; this.mPositionX = 0; this.mPositionY = 0; this.mText = ""; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHRelatedTopics_Object() { this.mRelatedTopicList = new Array(); this.mPopup = new WWHPopup_Object ("WWHFrame.WWHRelatedTopics.mPopup", WWHFrame.WWHHelp.fGetFrameReference ("WWHDocumentFrame"), WWHRelatedTopicsPopup_Translate, WWHRelatedTopicsPopup_Format, "WWHRelatedTopicsDIV", "WWHRelatedTopicsText", 10, 0, 0, WWHFrame.WWHHelp.mSettings.mRelatedTopics.mWi dth); this.fHasRelatedTopics = WWHRelatedTopics_HasRelatedTopics; this.fClear = WWHRelatedTopics_Clear; this.fAdd = WWHRelatedTopics_Add; this.fHTML = WWHRelatedTopics_HTML; this.fDisplayTopic = WWHRelatedTopics_DisplayTopic; this.fShow = WWHRelatedTopics_Show; this.fShowAtEvent = WWHRelatedTopics_ShowAtEvent; this.fHide = WWHRelatedTopics_Hide; this.fInlineHTML = WWHRelatedTopics_InlineHTML; this.fPopupHTML = WWHRelatedTopics_PopupHTML; } function WWHRelatedTopics_HasRelatedTopics() { var bVarHasRelatedTopics = false; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js</p>

Script	URL
<pre> <!-- // Set reference to top level help frame // var WWHFrame = eval("parent"); // Netscape Resize Fix // function WWHNavigationFrame_HandleResize () { if (WWHFrame.WWHBrowser.mBrowser == 1) // Shorthand for Netscape { WWHFrame.WWHJavaScript.mPanels.fSaveScrollPos ition(); WWHFrame.WWHHelp.fReloadLocation ("WWHTabsFrame"); WWHFrame.WWHHelp.fReloadLocation ("WWHPanelFrame"); } function WWHNavigationFrame_HandleKeyDown(ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyDown (ParamEvent); } function WWHNavigationFrame_HandleKeyPress(ParamEvent) { return WWHFrame.WWHHelp.fHandleKeyPress (ParamEvent); } ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm</p>

Script	URL
<pre> // Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved. // function WWHJavaScriptMessages_Object() { // Set default messages // WWHJavaScriptMessages_Set_en(this); this.fSetByLocale = WWHJavaScriptMessages_SetByLocale; } function WWHJavaScriptMessages_SetByLocale (ParamLocale) { var LocaleFunction = null; // Match locale // if ((ParamLocale.length > 1) && (eval("typeof (WWHJavaScriptMessages_Set_" + ParamLocale + ")") == "function"))) { LocaleFunction = eval ("WWHJavaScriptMessages_Set_" + ParamLocale); } else if ((ParamLocale.length > 1) && (eval("typeof (WWHJavaScriptMessages_Set_" + ParamLocale.substring(0, 2) + ")") == "function"))) { LocaleFunction = eval ("WWHJavaScriptMessages_Set_" + ParamLocale.substring(0, 2)); } } ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/locale.js</p>

Script	URL
<pre>// Copyright (c) 2001-2003 Quadralay Corporation. All rights reserved. // function WWHJavaScriptSettings_Object() { this.mHoverText = new WWHJavaScriptSettings_HoverText_Object(); this.mTabs = new WWHJavaScriptSettings_Tabs_Object(); this.mTOC = new WWHJavaScriptSettings_TOC_Object(); this.mIndex = new WWHJavaScriptSettings_Index_Object(); this.mSearch = new WWHJavaScriptSettings_Search_Object(); this.mFavorites = new WWHJavaScriptSettings_Favorites_Object(); } function WWHJavaScriptSettings_HoverText_Object() { this.mbEnabled = true; this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size: 8pt"; this.mwidth = 150; this.mForegroundColor = "#000000"; this.mBackgroundColor = "#FFFFCC"; this.mBorderColor = "#999999"; } function WWHJavaScriptSettings_Tabs_Object() { this.mFontStyle = "font-family: Verdana, Arial, Helvetica, sans-serif ; font-size: 9pt ; font-weight: normal"; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHHandler_Object() { this.mbInitialized = false; this.fInit = WWHHandler_Init; this.fFinalize = WWHHandler_Finalize; this.fGetFrameReference = WWHHandler_GetFrameReference; this.fGetFrameName = WWHHandler_GetFrameName; this.fIsReady = WWHHandler_IsReady; this.fUpdate = WWHHandler_Update; this.fSyncTOC = WWHHandler_SyncTOC; this.fFavoritesCurrent = WWHHandler_FavoritesCurrent; this.fProcessAccessKey = WWHHandler_ProcessAccessKey; this.fGetCurrentTab = WWHHandler_GetCurrentTab; this.fSetCurrentTab = WWHHandler_SetCurrentTab; } function WWHHandler_Init() { WWHFrame.WWHJavaScript.fInit(); } function WWHHandler_Finalize() { var VarImageDirectory = WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/js/images"; var VarImage = new Image(); ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHIndex_Object() { this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsIndexLa bel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfni.htm" : "panelfsi.htm"); this.mInitIndex = 0; this.mOptions = new WWHIndexOptions_Object(); this.mTopEntry = new WWHIndexEntry_Object(false, -1, null); this.mMaxLevel = 0; this.mEntryCount = 0; this.mSeeAlsoArray = new Array(); this.mSectionIndex = 0; this.mbThresholdExceeded = null; this.mSectionCache = new WWHSectionCache_Object(); this.mIterator = new WWHIndexIterator_Object(); this.mHTMLSegment = new WWHStringBuffer_Object(); this.mEventString = WWHPopup_EventString(); this.mClickedEntry = null; this.fInitHeadHTML = WWHIndex_InitHeadHTML; this.fInitBodyHTML = WWHIndex_InitBodyHTML; this.fInitLoadBookIndex = WWHIndex_InitLoadBookIndex; this.fAddSeeAlsoEntry = WWHIndex_AddSeeAlsoEntry; this.fProcessSeeAlsoEntries = WWHIndex_ProcessSeeAlsoEntries; this.fNavigationHeadHTML = WWHIndex_NavigationHeadHTML; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHIndex_Object() { this.mbPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsIndexLa bel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfni.htm" : "panelfsi.htm"); this.mInitIndex = 0; this.mOptions = new WWHIndexOptions_Object(); this.mTopEntry = new WWHIndexEntry_Object(false, -1, null); this.mMaxLevel = 0; this.mEntryCount = 0; this.mSeeAlsoArray = new Array(); this.mSectionIndex = 0; this.mbThresholdExceeded = null; this.mSectionCache = new WWHSectionCache_Object(); this.mIterator = new WWHIndexIterator_Object(); this.mHTMLSegment = new WWHStringBuffer_Object(); this.mEventString = WWHPopup_EventString(); this.mClickedEntry = null; this.fInitHeadHTML = WWHIndex_InitHeadHTML; this.fInitBodyHTML = WWHIndex_InitBodyHTML; this.fInitLoadBookIndex = WWHIndex_InitLoadBookIndex; this.fAddSeeAlsoEntry = WWHIndex_AddSeeAlsoEntry; this.fProcessSeeAlsoEntries = WWHIndex_ProcessSeeAlsoEntries; this.fNavigationHeadHTML = WWHIndex_NavigationHeadHTML; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHOutlineImagingFast_Object() { this.mIterator = new WWHOutlineIterator_Object(true); this.mImageSrcDir = WWHOutlineImaging_ImageSrcDir(); this.mEventString = WWHPopup_EventString(); this.mHTMLSegment = new WWHStringBuffer_Object(); this.mbUseList = true; this.fGetIconURL = WWHOutlineImaging_GetIconURL; this.fGetPopupAction = WWHOutlineImaging_GetPopupAction; this.fGetLink = WWHOutlineImaging_GetLink; this.fGetEntryHTML = WWHOutlineImaging_GetEntryHTML; this.fGenerateStyles = WWHOutlineImagingFast_GenerateStyles; this.fReset = WWHOutlineImagingFast_Reset; this.fAdvance = WWHOutlineImagingFast_Advance; this.fOpenLevel = WWHOutlineImagingFast_OpenLevel; this.fCloseLevel = WWHOutlineImagingFast_CloseLevel; this.fSameLevel = WWHOutlineImagingFast_SameLevel; this.fDisplayEntry = WWHOutlineImagingFast_DisplayEntry; this.fUpdateEntry = WWHOutlineImagingFast_UpdateEntry; this.fRevealEntry = WWHOutlineImagingFast_RevealEntry; // workaround for windows IE // if ((WWHFrame.WWHBrowser.mBrowser == 2) && // Shorthand for IE (WWHFrame.WWHBrowser.mPlatform == 1)) // Shorthand for windows ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js</p>

Script	URL
<pre> // Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHOutlineImagingSafe_Object() { this.mIterator = new WWHOutlineIterator_Object(true); this.mImageSrcDir = WWHOutlineImaging_ImageSrcDir(); this.mEventString = WWHPopup_EventString(); this.mHTMLSegment = new WWHStringBuffer_Object(); this.fGetIconURL = WWHOutlineImaging_GetIconURL; this.fGetPopupAction = WWHOutlineImaging_GetPopupAction; this.fGetLink = WWHOutlineImaging_GetLink; this.fGetEntryHTML = WWHOutlineImaging_GetEntryHTML; this.fGenerateStyles = WWHOutlineImagingSafe_GenerateStyles; this.fReset = WWHOutlineImagingSafe_Reset; this.fAdvance = WWHOutlineImagingSafe_Advance; this.fOpenLevel = WWHOutlineImagingSafe_OpenLevel; this.fCloseLevel = WWHOutlineImagingSafe_CloseLevel; this.fSameLevel = WWHOutlineImagingSafe_SameLevel; this.fDisplayEntry = WWHOutlineImagingSafe_DisplayEntry; this.fUpdateEntry = WWHOutlineImagingSafe_UpdateEntry; this.fRevealEntry = WWHOutlineImagingSafe_RevealEntry; } function WWHOutlineImagingSafe_GenerateStyles() { var StyleBuffer = new WWHStringBuffer_Object(); var MaxLevel; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js</p>

Script	URL
<pre>function Pairs_Object(ParamArray) { // Store Original Array // this.mOriginalArray = ParamArray; // Hash of word pairs to test, keys are // prefixed by '~' // this.mPairHash = new Object(); // Define Functions for this object // this.fGetPairs = Pairs_GetPairs; this.fResetMatches = Pairs_ResetMatches; this.fTestPair = Pairs_TestPair; this.fIsMatch = Pairs_IsMatch; this.fCreateHash = Pairs_CreateHash; } // Create the Hash of word Pairs // function Pairs_CreateHash() { var index = 0; var innerHash; var lastWord; var currentWord; var currentInnerHash; var innerHashValue }</pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHPanelsEntry_Object (ParamPanelObject) { this.mbShowInitMessage = true; this.mPanelObject = ParamPanelObject; this.mScrollPosition = new Array(0, 0); } function WWHPanels_Object() { this.mCurrentPanel = 0; this.mPanelEntries = new Array(); this.mPopup = new WWHPopup_Object ("WWHFrame.WWHJavaScript.mPanels.mPopup", "REPLACE ME", WWHPanelHoverText_Translate, WWHPanelHoverText_Format, "WWHPanelPopupDIV", "WWHPanelPopupText", 1000, 12, 20, WWHFrame.WWHJavaScript.mSettings.mHoverText.m width); this.mbChangingPanels = false; this.mbLoading = false; this.mbReloadOnlyNavigation = false; this.fGetCurrentPanelEntry = WWHPanels_GetCurrentPanelEntry; this.fGetCurrentPanelObject = WWHPanels_GetCurrentPanelObject; this.fInitHeadHTML = WWHPanels_InitHeadHTML; this.fInitBodyHTML = WWHPanels_InitBodyHTML; this.fInitLoaded = WWHPanels_InitLoaded; this.fPopupHTML = WWHPanels_PopupHTML; this.fClearScrollPosition = WWHPanels_ClearScrollPosition; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js</p>

Script	URL
<pre>// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHSearch_Object() { this.mPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsSearchL abel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfs.htm" : "panelss.htm"); this.mInitIndex = 0; this.mBookSearchInfoList = new Array(); this.mMultiPhraseList = new Array(); this.mSearchState = null; this.mSearchScopeInfo = null; this.mSavedSearchWords = ""; this.mSavedSearchScope = 0; this.mSearchwordList = new Array(); this.mSearchwordRegExList = new Array(); this.mBookIndex = 0; this.mBookMatchesList = new Array(); this.mCombinedResults = new WWHSearchResults_Object(); this.mCombinedResultsIndex = 0; this.fInitHeadHTML = WWHSearch_InitHeadHTML; this.fInitBodyHTML = WWHSearch_InitBodyHTML; this.fInitLoadBookSearchInfo = WWHSearch_InitLoadBookSearchInfo; this.fNavigationHeadHTML = WWHSearch_NavigationHeadHTML; this.fNavigationBodyHTML = WWHSearch_NavigationBodyHTML; this.fHeadHTML = WWHSearch_HeadHTML; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js</p>

Script	URL
<pre>// Copyright (c) 2000-2005 Quadralay Corporation. All rights reserved. // function WWHSearch_Object() { this.mPanelInitialized = false; this.mPanelAnchor = null; this.mPanelTabTitle = WWHFrame.WWHJavaScript.mMessages.mTabsSearchL abel; this.mPanelTabIndex = -1; this.mPanelFilename = ((WWHFrame.WWHBrowser.mBrowser == 1) ? "panelfs.htm" : "panelss.htm"); this.mInitIndex = 0; this.mBookSearchInfoList = new Array(); this.mMultiPhraseList = new Array(); this.mSearchState = null; this.mSearchScopeInfo = null; this.mSavedSearchWords = ""; this.mSavedSearchScope = 0; this.mSearchwordList = new Array(); this.mSearchwordRegExplist = new Array(); this.mBookIndex = 0; this.mBookMatchesList = new Array(); this.mCombinedResults = new WWHSearchResults_Object(); this.mCombinedResultsIndex = 0; this.fInitHeadHTML = WWHSearch_InitHeadHTML; this.fInitBodyHTML = WWHSearch_InitBodyHTML; this.fInitLoadBookSearchInfo = WWHSearch_InitLoadBookSearchInfo; this.fNavigationHeadHTML = WWHSearch_NavigationHeadHTML; this.fNavigationBodyHTML = WWHSearch_NavigationBodyHTML; this.fHeadHTML = WWHSearch_HeadHTML; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js</p>

Script	URL
<pre>// Copyright (c) 2000-2003 Quadralay Corporation. All rights reserved. // function WWHTabs_Object(ParamPanels) { this.mwidth = null; this.fReload = WWHTabs_Reload; this.fHeadHTML = WWHTabs_HeadHTML; this.fBodyHTML = WWHTabs_BodyHTML; this.fLoaded = WWHTabs_Loaded; // Calculate width based on number of panels // if (ParamPanels > 0) { this.mwidth = "" + (100 / ParamPanels) + "%"; } } function WWHTabs_Reload() { WWHFrame.WWHHelp.fReplaceLocation ("WWHTabsFrame", WWHFrame.WWHHelp.mHelpURLPrefix + "wwhelp/wwhimpl/js/html/tabs.htm"); } function WWHTabs_HeadHTML() { var StylesHTML = ""; ... </pre>	<p>https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js</p>

Comments

Comment	URL
This table is closed at the end of the footer.jsp	http://cancermodels-qa.nci.nih.gov/camod/
nci hdr begins	http://cancermodels-qa.nci.nih.gov/camod/
nci hdr ends	http://cancermodels-qa.nci.nih.gov/camod/
This table is ended at the end of the Application footer of the footer.jsp	http://cancermodels-qa.nci.nih.gov/camod/
application hdr begins	http://cancermodels-qa.nci.nih.gov/camod/
application hdr ends	http://cancermodels-qa.nci.nih.gov/camod/
This cell is closed at the end of the footer.jsp	http://cancermodels-qa.nci.nih.gov/camod/
standard submenu begins	http://cancermodels-qa.nci.nih.gov/camod/
sidebar.jsp	http://cancermodels-qa.nci.nih.gov/camod/
Place Code here to determine the sub-Menu Links	http://cancermodels-qa.nci.nih.gov/camod/
anchor to skip sub menu	http://cancermodels-qa.nci.nih.gov/camod/
standard submenu ends	http://cancermodels-qa.nci.nih.gov/camod/

Comment	URL
Following cell is for main content	http://cancermodels-qa.nci.nih.gov/camod/
Following table is ended at the end of the Application footer	http://cancermodels-qa.nci.nih.gov/camod/
Can place code here to determine what Main Menu is needed (this is placed on top of the main content in center of page)	http://cancermodels-qa.nci.nih.gov/camod/
%@ include file="loginMenu.jsp" %	http://cancermodels-qa.nci.nih.gov/camod/
Main Content Begins	http://cancermodels-qa.nci.nih.gov/camod/
needed for tooltips	http://cancermodels-qa.nci.nih.gov/camod/
login.jsp	http://cancermodels-qa.nci.nih.gov/camod/
Took this out of sidebar.jsp and has to go here to format correctly - width must be < 75% above to display correctly	http://cancermodels-qa.nci.nih.gov/camod/
Main menu begins	http://cancermodels-qa.nci.nih.gov/camod/
<pre> TD height="20" class=footerMenuItem onmouseover="changeMenuStyle (this,'footerMenuItemOver'),showCursor()" onmouseout="changeMenuStyle (this,'footerMenuItem'),hideCursor()" onclick="document.location.href='#" HELP</TD> </pre>	http://cancermodels-qa.nci.nih.gov/camod/
<pre> <TD> </TD> </pre>	
Main menu ends	http://cancermodels-qa.nci.nih.gov/camod/
banner begins	http://cancermodels-qa.nci.nih.gov/camod/
welcome begins	http://cancermodels-qa.nci.nih.gov/camod/
welcome ends	http://cancermodels-qa.nci.nih.gov/camod/
sidebar begins	http://cancermodels-qa.nci.nih.gov/camod/
login ends	http://cancermodels-qa.nci.nih.gov/camod/
what's new begins	http://cancermodels-qa.nci.nih.gov/camod/
what's new ends	http://cancermodels-qa.nci.nih.gov/camod/

Comment	URL
did you know? begins	http://cancermodels-qa.nci.nih.gov/camod/
works when opening URL	http://cancermodels-qa.nci.nih.gov/camod/
did you know? ends	http://cancermodels-qa.nci.nih.gov/camod/
spacer cell begins (keep for dynamic expanding)	http://cancermodels-qa.nci.nih.gov/camod/
spacer cell ends	http://cancermodels-qa.nci.nih.gov/camod/
sidebar ends	http://cancermodels-qa.nci.nih.gov/camod/
Main Content Ends	http://cancermodels-qa.nci.nih.gov/camod/
Main Content Ends	http://cancermodels-qa.nci.nih.gov/camod/
end row & column started in sidebar used for main content	http://cancermodels-qa.nci.nih.gov/camod/
Application Footer begins	http://cancermodels-qa.nci.nih.gov/camod/
Application Footer ends	http://cancermodels-qa.nci.nih.gov/camod/
End of table started in beginning of Main content	http://cancermodels-qa.nci.nih.gov/camod/
/TD></TR	http://cancermodels-qa.nci.nih.gov/camod/
End of table started in beginning of Application header	http://cancermodels-qa.nci.nih.gov/camod/
Footer begins	http://cancermodels-qa.nci.nih.gov/camod/
Footer ends	http://cancermodels-qa.nci.nih.gov/camod/
end table that was started at the beginning of the header.jsp	http://cancermodels-qa.nci.nih.gov/camod/
adminRoles.jsp	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE

Comment	URL
<pre> TD height="20" class="footerMenuItem" onmouseover="changeMenuStyle (this,'footerMenuItemOver'),showCursor()" onmouseout="changeMenuStyle (this,'footerMenuItem'),hideCursor()" onclick="document.location.href='#" &nbsp;&nbsp;&nbsp;&nbsp;HELP&nbsp;&nbsp;&nbsp;&nbsp; </TD> <TD> </TD> </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> setup some useful variables </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Start the various sections per role </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Models assigned to this user that need to be edited </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Models assigned to this user that need more information </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Models assigned to this user that need to have an editor assigned </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Models assigned to this user that need to be screened </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>
<pre> Models assigned to this user that need a screener assigned </pre>	<pre> http://cancermodels- qa.nci.nih.gov/camod/AdminRolesPopulateActio n.do;jsessionid=22420689254AF3C8E21A1B3F 0C5FB0DE </pre>

Comment	URL
Comments assigned to this user that need review	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
searchAdvanced.jsp	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
NOTE: Needed to work around struts bug	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
action buttons begins	http://cancermodels-qa.nci.nih.gov/camod/AdvancedSearchPopulateAction.do
submitNewModel.jsp	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE
submitOverview.jsp	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
Do not show admin functions if user is not superuser role	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
Do not show any of the admin functions if the model is not set to complete state	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
custimizeSearchResults.jsp	http://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do
submitEngineeredTransgene.jsp	http://cancermodels-qa.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do
submitGenomicSegment.jsp	http://cancermodels-qa.nci.nih.gov/camod/GenomicSegmentPopulateAction.do
submitInducedMutation.jsp	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do
Done this way since html:hidden doesn't seem to work correctly	http://cancermodels-qa.nci.nih.gov/camod/InducedMutationPopulateAction.do

Comment	URL
register.jsp	http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9
submitModels.jsp	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
Took this out of sidebar.jsp and has to go here to format correctly	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
link 1 ends	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
link 2 begins	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
savedSearchQueries.jsp	http://cancermodels-qa.nci.nih.gov/camod/SaveQueryAction.do
needed for autocomplete	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
searchSimple.jsp	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Display anatomy tree based on species selected or default to mouse tree if no species selected (new screen)	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
submitSpontaneousMutation.jsp	http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do
submitTargetedModification.jsp	http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do
Add checks to see if in submission mode, if so add VIEW MY MODELS option	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Took this out of sidebar.jsp and has to go here to format correctly	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Investigator from 2-tier.	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do

Comment	URL
Add stock number if not Investigator (already displayed under distributor)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
display comments	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
set some attributes to build the URL	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Summary table start - added outer table to indent the summary table 10 units	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Summary table ends	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Transgene	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
End Transgene	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Genomic Segment	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
End Genomic Segment	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Targeted modification	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Display MGI or ZFIN or RGD identifier	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
End Targeted modification	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Induced Mutation	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Spontaneous Mutation	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
End Induced Mutation	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
bean:define id="pubAuthors" name="publicationAuthors"/	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Summary table end	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Two choose required so we can check for empty ZFIN or J Numbers	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Chemical / Drug Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start of if externalSource is Jax MTB	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
End of if externalSource is Jax MTB	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start of if externalSource is empty (caMOD data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do

Comment	URL
End of if externalSource is empty (caMOD data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Growth Factor Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Hormone Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Radiation Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Surgery / Other Section	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Viral Treatment Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Environmental Factor Section (caMOD data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Gene Delivery Section (caMOD data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Nutritional Factor Section (caMOD data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Antibody Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Bacteria Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Plasmid Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Transposon Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
Start Signaling Molecule Section (caMOD and Jackson Lab data)	http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do
adminEditModels.jsp	http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do
adminModelsAssignment.jsp	http://cancermodels-qa.nci.nih.gov/camod/adminModelsAssignment.do
searchDrugScreening.jsp	http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do
action buttons end	http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do
searchResults.jsp	http://cancermodels-qa.nci.nih.gov/camod/searchResults.do
works from search link for Home and submit link for HOME	http://cancermodels-qa.nci.nih.gov/camod/jsp/viewLicense.jsp
Copyright (c) 2000-2006 Quadralay Corporation. All rights reserved.	http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html

Comment	URL
MOTW-DISABLED saved from url=(0014) about:internet	http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html
link 1 begins	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
TD class=footerMenuItem onmouseover="changeMenuStyle (this,'footerMenuItemOver'),showCursor()" onclick="document.location.href='#" onmouseout="changeMenuStyle (this,'footerMenuItem'),hideCursor()" height=20> HELP</TD> <TD> <TD> </TD>	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
login begins	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Register begins	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
Register ends	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28
works when first getting to page - before login	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28

Cookies

Name	Value	URL
JSESSIONID	C14EFAA220C9BA8D51CA6A6C19581F28	

Name	Value	URL
JSESSIONID	C4694532253F62B66 F7EF366D2A9BCA9	
JSESSIONID	BEE183CF758923E8 67A945AD5F178469	
JSESSIONID	F9B543DCA51EB3E4 056538C36C1A0FA1	
JSESSIONID	4CE972E0956AE2AB 38FB11A750F0F75F	
JSESSIONID	BD2D4C5ABC7E2B4 24B1A00308BC13F4 F	
JSESSIONID	EF85CD5E6ECCD1F E7803E058461B2E9 A	
JSESSIONID	44208EB65E5BE8EB 1A7C37990B3225CE	
JSESSIONID	D397FFADBFF4A97F 1EA7C63CFFF3F0B5	
JSESSIONID	92C97CE5F4F4D047 9044B1757B543F9E	
JSESSIONID	E53D82E3DC7F6EE2 088EF2F057CFF7E5	
JSESSIONID	3D1F84CF2B561E6C 1DED597DF85E641F	
JSESSIONID	0C3F2E6EDEECF801 249CCE30958CD6E8	
JSESSIONID	22A5647C1B85D655 A35F74F03BDF0AB6	
JSESSIONID	6C2A9EE92099F97F A24C39CEDAE0AB5 9	
ncbi_sid	396E1D4805B183E1_ 0122SID	
ncbi_sid	396E1D4805B183E1_ 0122SID	
switchmenu		
switchmenu		
validUserKey	123456789	
JSESSIONID	C14EFAA220C9BA8D 51CA6A6C19581F28	http://cancermodels-qa.nci.nih.gov/camod/
JSESSIONID	76193423B3B181A4B 044B2CEDC1C8FC8	http://cancermodels-qa.nci.nih.gov/camod/

Name	Value	URL
JSESSIONID	7F22B52A0186880B1AE33AD7748C523E	http://cancermodels-qa.nci.nih.gov/camod/
JSESSIONID	A63C9BAA309D0D17B578CAF2CC77A25B	http://cancermodels-qa.nci.nih.gov/camod/
JSESSIONID	DC6F69535226FA280A8212D4279D8CBB	http://cancermodels-qa.nci.nih.gov/camod/AdminCommentsAssignmentPopulateAction.do
JSESSIONID	5D9A4B4BC3A0B7B63373BC77CDF0483C	http://cancermodels-qa.nci.nih.gov/camod/AdminModelsAssignmentPopulateAction.do
JSESSIONID	7D00307ADCDDCAC9523DE18BEAFA2318	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do
JSESSIONID	5F1B7CD9E647D2DF18DE777E7F925E1	http://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do
JSESSIONID	0D43ABC2BA9C9A88C969876C9CC3DA8	http://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do
JSESSIONID	2ADD659997F3F70E025ABFD2C79AC90A	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE?method=dropdown
JSESSIONID	D80A48B5E2958F3EDE24E68A185FE9B9	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelPopulateAction.do?method=dropdown
JSESSIONID	3A3A111005CF52CF7B91ABBBFA320DCE	http://cancermodels-qa.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do
JSESSIONID	D76B2A7A8A9693F47C27F91BF03D1FE7	http://cancermodels-qa.nci.nih.gov/camod/DuplicateAnimalModelAction.do?method=delete&aModelID=150107169
JSESSIONID	BAAC048D9CEA756050B17F9FE0984789	http://cancermodels-qa.nci.nih.gov/camod/LogoutAction.do
JSESSIONID	507EFF2114B165EA217D630809D4D87B	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do
JSESSIONID	4443FDA7D5306AAAF2020483A382239F	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7
JSESSIONID	997D8CE3BDE4A57157A9C905C29319F5	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7

Name	Value	URL
JSESSIONID	22420689254AF3C8E21A1B3F0C5FB0DE	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	E55D611457A11C09AF7BDFC1B1026C3D	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	43D0E377AB4B6E9CFBA365E3E6ED8C2B	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	C4694532253F62B66F7EF366D2A9BCA9	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	79FFA94333F5AC6A8ECF27895A874CC2	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	45B1B514674B51509DD77E3B5E7A64DC	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	8759FAB72AB049D3C623A7B0BCBDF69C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	506C35007152225FB179FA995079709C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	2F16F29D94CB75D67C946F2355948DC8	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	137BFF6D6412F4B602CCAAB8BD7BEDB5	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	AE2E1F7B7A94F658465FD781AC87E715	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels

Name	Value	URL
JSESSIONID	4B1122012B8878784 C3EEC309194E68B	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	8500D4266E277DE5 A4F4E9CA6311B4C2	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	CED078B4FBAD10D AFC4563910B2274B 9	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	B6A74FFDB909FAA7 4E211CD8A7CD6893	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	6AAEAFA4D61D9BE E37DE63BF9DAB4B4 5	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	3E9031B7E167E5B3 99C43AAF2268C6E1	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	9D9B0F73CC51D9AF 7C67A786F388CA58	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	7D20D3D991C85486 306D7D590DFB8B2F	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	46E20B5851518C588 3051C9FA79CD804	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7?method=returnUserModels
JSESSIONID	6DAB87517F6D6E2F B7E99F7ECAE8CF19	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28?method=returnUserModels
JSESSIONID	51BE5F39E8F10D85 7B33F36E46B1C35A	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28?method=returnUserModels
JSESSIONID	C59206E91DB497C9 2C390F6C3D51B587	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels

Name	Value	URL
JSESSIONID	E79AD24F5C001F38 30C93DB65688E13C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	22A5647C1B85D655 A35F74F03BDF0AB6	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	BB812C07FCD096CC BEF8C9C43095229A	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	E5746D7474CD95E8 92DA85FDE7F6A4A5	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	9EB863288DEC2866 8B271A15E3D2C8E8	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	E3AACCAE6BABC56 A28470A82C76BA18 D	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	568D2583EC1DED17 1C1D844C880958D9	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	CCCE441855C22444 3FB611392187D4C6	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	6B928B0DFD549B2B 220A31607D9B75D8	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	45E31B20519E0D989 924220E3D77A5EE	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	6085AF52D19B4F330 2F7FA0B2750A58A	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	4C957F0884585BE0F E1DE4A2F53AEC37	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	6986B5BBF5FCA8B8 92BECEDDF9B04FF6	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	E5A7E846238FCD73 CB09B71B2ACEB83 D	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	DDFD080CACA1495 B02DF0C1253BCC80 B	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels

Name	Value	URL
JSESSIONID	5AD1AE1B8919743A F04A0B350B964A8B	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	5874A788516D6867E 1CA1355A0F5325F	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	ACC592E31DCD404 A82DB1FCE66B4BC E0	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	D066C523554BA5FB 063E8441FA51224C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	344C170305BCA728 B8C460D8705F68A7	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	76EEE990CF11BC3F D6EC73B61A0993ED	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	F3E73B8791C7CF02 12DE6F98E5A1BCE7	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	656D7B1F303C0F11 656E042E3C351D2C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	5C9EE0DC49EEE31 B141EEE912B26245 C	http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	28C3D36F131394CD B096843419B6FDED	http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do?unprotected_method=populate
JSESSIONID	57ACD0A1B522BC2C 08FE7ABA9DEE38C2	http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE?method=delete&aModelID=150107169
JSESSIONID	4538A94F878327AA5 E122906B0589131	http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do?method=setModelConstants&aModelID=150106693
JSESSIONID	E7489C1F5A73C5EB 660EEB3FA5A7B36C	http://cancermodels-qa.nci.nih.gov/camod/login.do
JSESSIONID	0C3F2E6EDEECF801 249CCE30958CD6E8	http://cancermodels-qa.nci.nih.gov/camod/login.do
JSESSIONID	9B364F7D54DD45DD A89C07F9CA39D91E	http://cancermodels-qa.nci.nih.gov/camod/login.do
JSESSIONID	1CC16CC29B8F6AF6 BFC3E2474A132764	http://cancermodels-qa.nci.nih.gov/camod/login.do

Name	Value	URL
JSESSIONID	9DCCAE9CD4B92FD04D8216764781B089	http://cancermodels-qa.nci.nih.gov/camod/login.do
JSESSIONID	7B0296433F549C339469620D4DB68A92	https://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do
JSESSIONID	E44020FC1B1470667939D3C42CE59347	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	60E663C0009F31BA0B1F77A5CF38418F	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	2C23BB5A1BD300AC07E3E4A07B7C7EA1	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	AD85645951AF8648440A3F4816DB15E4	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	8838C90B403D7CA95EA7071DCCB803BD	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	F352BE3F880FDD20C6F8A9BA517C7116	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	B00D977555606A1F2C80ED88E44A211D	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	C53DFCAA9B48D8D6CB60CE035AAE1FAC	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	28D91C94460FC5BEC8973E6574AD7A19	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	49C138830A18865CD5155B12CFADE045	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	37B4FE49744AA4E416DB7A12281BCC6B	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
validUserKey	123456789	https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do
JSESSIONID	9862C640D40C164D98792EF8A8D519D7	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	A2C4C3EE03DFF0FEBB405B9AB3000AFE	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	39FA675DD84D23B5C7B179476A16F46E	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	E65D9D9D61FA615A8BC6A8D19DFC28AC	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	D08342573FCDF0D731619AF47EFE7DDD	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels

Name	Value	URL
JSESSIONID	F36A81D3A3845DF2 474B1CC7E7508A17	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	A5CE8F8C3300EC1A D4DCC4B675197902	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	0827C4853A19F67B DB83DBB957A68227	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	24EAD847E6A948BD C5A70BBB0F54D988	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	B34E94918DB006096 54DA85543B878CA	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	3970D8E2619CEBF1 CC33DC0ABE1A36E 2	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	D4B84D3351EE9F01 F943A0C2B219E7D7	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	79775987E1D75BCC 8EDFA19487E8517F	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	25894FB6B58D317A F5CF819E4781C7BE	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	326F4E7540BCF1DD F805B0243E8470AF	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	55D27148A34992AE2 E4886389BDF38E9	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	772DB71554BF5C81 DCDCD43ED0F3912 7	https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do?method=returnUserModels
JSESSIONID	414475C4F28AA0579 521B4F0B56042CA	https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28

Application URLs

- <http://cancermodels-qa.nci.nih.gov/>
- <https://cancermodels-qa.nci.nih.gov/>
- <http://cancermodels-qa.nci.nih.gov/camod/>
- <http://cancermodels-qa.nci.nih.gov/camod/AdminCommentsAssignmentPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/AdminEditModelsPopulateAction.do>

- <http://cancermodels-ga.nci.nih.gov/camod/AdminModelsAssignmentPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AdminRolesPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AdminRolesPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE>
- <http://cancermodels-ga.nci.nih.gov/camod/AdminUserSettingsAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do;jsessionid=F9B543DCA51EB3F4056538C36C1A0FA1>
- <http://cancermodels-ga.nci.nih.gov/camod/AdvancedSearchPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AnimalModelAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AnimalModelPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AnimalModelPopulateAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE>
- <http://cancermodels-ga.nci.nih.gov/camod/AnimalModelTreePopulateActionFinal.do>
- <http://cancermodels-ga.nci.nih.gov/camod/AntibodyPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/BacteriaPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/CellLinePopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/ChangeAnimalModelToCompleteAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/ChemicalDrugPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do;jsessionid=F9B543DCA51EB3F4056538C36C1A0FA1>
- <http://cancermodels-ga.nci.nih.gov/camod/DeleteAnimalModelAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/DrugScreenSearchAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/DuplicateAnimalModelAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/EngineeredTransgenePopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/EnvironmentalFactorPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/GeneDeliveryPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/GenomicSegmentPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/GrowthFactorPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/HistopathologyPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/HormonePopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/ImagePopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/InducedMutationPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/InvestigatorPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/JacksonLabPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/LogoutAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/LogoutAction.do;jsessionid=BAAC048D9CEA756050B17F9FE0984789>
- <http://cancermodels-ga.nci.nih.gov/camod/MorpholinoPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/NCIMouseRepoPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/NutritionalFactorPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/PlasmidPopulateAction.do>
- <http://cancermodels-ga.nci.nih.gov/camod/PublicationPopulateAction.do>

- <http://cancermodels-qa.nci.nih.gov/camod/RadiationPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/RegisterUserAction.do;jsessionid=28D91C94460FC5BEC8973E6574AD7A19>
- <http://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do;jsessionid=C4694532253F62B66F7EF366D2A9BCA9>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=9862C640D40C164D98792EF8A8D519D7>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do;jsessionid=F9B543DCA51EB3E4056538C36C1A0FA1>
- <http://cancermodels-qa.nci.nih.gov/camod/SaveQueryAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SearchAdminAssignmentAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SearchSimpleAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SearchTableOfContentsPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SignalingMoleculePopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=69CB1E0152BE4BD12C6C06D40228D9DA>
- <http://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/SirnaPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SpontaneousMutationPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE>
- <http://cancermodels-qa.nci.nih.gov/camod/SubmitAction.do;jsessionid=51BE5F39E8F10D857B33F36E46B1C35A>
- <http://cancermodels-qa.nci.nih.gov/camod/SubmitOverviewPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/SurgeryPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/TargetedModificationPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/TherapyPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/TransplantationPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/TransposonPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ViewModelAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ViewTOCSearchResultsAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ViralTreatmentPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/ZFINPopulateAction.do>
- <http://cancermodels-qa.nci.nih.gov/camod/adminCommentsAssignment.do>

- <http://cancermodels-qa.nci.nih.gov/camod/adminEditModels.do>
- <http://cancermodels-qa.nci.nih.gov/camod/adminModelsAssignment.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoAccessibility.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoAccessibility.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoApplicationSupport.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoApplicationSupport.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoContactUs.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoContactUs.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoDisclaimer.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoDisclaimer.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoPrivacyNotice.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoReleaseNotes.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoReleaseNotes.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoViewLicense.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoViewLicense.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/infoWhatsNew.do>
- <http://cancermodels-qa.nci.nih.gov/camod/infoWhatsNew.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/login.do>
- <http://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <http://cancermodels-qa.nci.nih.gov/camod/searchDrugScreening.do>
- <http://cancermodels-qa.nci.nih.gov/camod/searchResults.do>
- <http://cancermodels-qa.nci.nih.gov/images/>
- <http://cancermodels-qa.nci.nih.gov/scripts/>
- <http://cancermodels-qa.nci.nih.gov/camod/WebHelp/>
- <http://cancermodels-qa.nci.nih.gov/camod/images/>
- <http://cancermodels-qa.nci.nih.gov/camod/js/>
- <http://cancermodels-qa.nci.nih.gov/camod/js/ajaxtags-1.2-beta2.js>
- <http://cancermodels-qa.nci.nih.gov/camod/js/controls.js>
- <http://cancermodels-qa.nci.nih.gov/camod/js/effects.js>
- <http://cancermodels-qa.nci.nih.gov/camod/js/prototype-1.4.0.js>
- <http://cancermodels-qa.nci.nih.gov/camod/js/scriptaculous.js>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/login.jsp>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/searchResults.jsp>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/viewLicense.jsp>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/CalendarPopup.js>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/EVSTreeScript.js>

- <http://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/global.js>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/initIt.js>
- <http://cancermodels-qa.nci.nih.gov/camod/scripts/script.js>
- <http://cancermodels-qa.nci.nih.gov/camod/styles/>
- http://cancermodels-qa.nci.nih.gov/camod/submit_files/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html
- <http://cancermodels-qa.nci.nih.gov/camod/WebHelp/scripts/>
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/help.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js

- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/locale.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js
- http://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/WebHelp/>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/adminModelsAssignment.jsp>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/scripts/>
- http://cancermodels-qa.nci.nih.gov/camod/jsp/submit_files/

- http://cancermodels-qa.nci.nih.gov/camod/jsp/WebHelp/caMOD_Online_Help/
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/jsp/>
- <http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/scripts/>
- http://cancermodels-qa.nci.nih.gov/camod/jsp/protected/submit_files/
- <https://cancermodels-qa.nci.nih.gov/camod/>
- <https://cancermodels-qa.nci.nih.gov/camod/AdminRolesPopulateAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/AdminUserSettingsPopulateAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/CustomizeSearchResultsPopulateAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/LoginAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/LogoutAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/RegisterUserPopulateAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserModels.do>
- <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserQueries.do>
- <https://cancermodels-qa.nci.nih.gov/camod/ReturnUserSavedQueries.do>
- <https://cancermodels-qa.nci.nih.gov/camod/SimpleSearchPopulateAction.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoAccessibility.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoApplicationSupport.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoContactUs.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoDisclaimer.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoReleaseNotes.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoViewLicense.do>
- <https://cancermodels-qa.nci.nih.gov/camod/infoWhatsNew.do>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=22420689254AF3C8E21A1B3F0C5FB0DE>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=3A3A111005CF52CF7B91ABBBFA320DCE>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=4B1122012B8878784C3EEC309194E68B>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=BB812C07FCD096CCBEF8C9C43095229A>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=C14EFAA220C9BA8D51CA6A6C19581F28>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=D76B2A7A8A9693F47C27F91BF03D1FE7>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E79AD24F5C001F3830C93DB65688E13C>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=E8829A8065D84C5CD1E27A7198FEB063>
- <https://cancermodels-qa.nci.nih.gov/camod/login.do;jsessionid=EF85CD5E6ECCD1FE7803E058461B2E9A>
- <https://cancermodels-qa.nci.nih.gov/images/>
- <https://cancermodels-qa.nci.nih.gov/scripts/>
- <https://cancermodels-qa.nci.nih.gov/camod/WebHelp/>
- <https://cancermodels-qa.nci.nih.gov/camod/images/>
- <https://cancermodels-qa.nci.nih.gov/camod/scripts/>
- <https://cancermodels-qa.nci.nih.gov/camod/scripts/TipCode.js>

- <https://cancermodels-qa.nci.nih.gov/camod/scripts/global.js>
- <https://cancermodels-qa.nci.nih.gov/camod/scripts/script.js>
- <https://cancermodels-qa.nci.nih.gov/camod/styles/>
- https://cancermodels-qa.nci.nih.gov/camod/submit_files/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/index.html
- <https://cancermodels-qa.nci.nih.gov/camod/WebHelp/scripts/>
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/wwhelp/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/wwhelp/wwhimpl/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/wwhelp/wwhimpl/common/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/WebHelp/wwhelp/wwhimpl/common/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/common/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/blank.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/content.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/pagenav.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/switch.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/wwhelp.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/locale.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/options.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/popupf.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/private/title.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/bookgrps.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/booklist.js

- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/browser.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/controls.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/filelist.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/handler.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/help.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/highlt.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/popup.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/related.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/strutils.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/scripts/switch.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/common/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/common/html/scripts/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/navigate.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/wwhelp.htm
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/locale.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/private/options.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/favorite.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/handler.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/index.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/javascpt.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/mltphrs.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlfast.js

- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outline.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/outlsafe.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/pairs.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/panels.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/phrase.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/search.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/scripts/tabs.js
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/common/scripts/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/private/
- https://cancermodels-qa.nci.nih.gov/camod/WebHelp/caMOD_Online_Help/wwhelp/wwhimpl/js/html/scripts/

Advisories & Fix Recommendations

Login Error Messages Credential Enumeration

Application

WASC Threat Classification

Brute Force

<http://projects.webappsec.org/Brute-Force>

CVE ID(s)

N/A

CWE ID(s)

204

Security Risks

It might be possible to escalate user privileges and gain administrative permissions over the web application

Possible Causes

Exceptions and error messages, which may contain sensitive debugging information, are presented to users

Technical Description

When trying to login using bad credentials, the application generates different error messages when the user inputs an invalid username and an invalid password separately.

By exploiting this behavior, an attacker could experiment through trial and error (the brute force technique) to establish valid usernames for the application, before proceeding to attempt discovery of the associated password.

The result is an enumeration of valid usernames and passwords, which can be used by attackers to access accounts.

Sample Exploit:

If the following requests receive different error messages, it is possible to issue a brute-force attack against the site and enumerate usernames and password:

```
[1] GET /login.asp?username=BAD_USERNAME&password=correct_password
```

```
[2] GET /login.asp?username=correct_username&password=BAD_PASSWORD
```

General Fix Recommendations

Issue an identical error message to every false login attempt, regardless of which field the error occurred in, especially if either the username or the password fields are wrong.

References and Relevant Links

["Blocking Brute-Force Attacks" by Mark Burnett](#)

Autocomplete HTML Attribute Not Disabled for Password Field

Application

WASC Threat Classification

Application Privacy Tests

CVE ID(s)

N/A

CWE ID(s)

522

Security Risks

It may be possible to bypass the web application's authentication mechanism

Possible Causes

Insecure web application programming or configuration

Technical Description

The "autocomplete" attribute has been standardized in the HTML5 standard. W3C's site states that the attribute has two states, "on" and "off", and that omitting it altogether is equivalent to setting it to "on".

This page is vulnerable since it does not set the "autocomplete" attribute to "off" for the "password" field in the "input" element.

This may enable an unauthorized user (with local access to an authorized client) to autofill the username and password fields, and thus log in to the site.

General Fix Recommendations

If the "autocomplete" attribute is missing in the "password" field of the "input" element, add it and set it to "off".

If the "autocomplete" attribute is set to "on", change it to "off".

For example:

Vulnerable site:

```
<form action="AppScan.html" method="get">
  Username: <input type="text" name="firstname" /><br />
  Password: <input type="password" name="lastname" />
  <input type="submit" value="Submit" />
</form>
```

Non-vulnerable site:

```
<form action="AppScan.html" method="get">
  Username: <input type="text" name="firstname" /><br />
  Password: <input type="password" name="lastname" autocomplete="off"/>
  <input type="submit" value="Submit" />
</form>
```

References and Relevant Links

N/A

Encryption Not Enforced

Application

WASC Threat Classification

Application Privacy Tests

CVE ID(s)

N/A

CWE ID(s)

311

Security Risks

It may be possible to steal sensitive data such as credit card numbers, social security numbers etc. that are sent unencrypted

Possible Causes

Sensitive input fields such as usernames, password and credit card numbers are passed unencrypted

Technical Description

During the application test, it was detected that the site uses an encrypted connection to protect sensitive information.

However, it was possible to receive these resources using HTTP, which means that sensitive information may be sent unencrypted to the server and/or back to the user.

Any information sent to the server as clear text, may be stolen and used later for identity theft or user impersonation.

In addition, several privacy regulations state that sensitive information such as user credentials will always be sent encrypted to the web site.

It is recommended to enforce the use of an encrypted connection (e.g. SSL), and not allow access to sensitive information using unencrypted HTTP.

General Fix Recommendations

Make sure that sensitive information such as:

- Username
- Password
- Social Security number
- Credit Card number
- Driver's License number
- e-mail address
- Phone number
- Zip code

is always sent encrypted to the server.

References and Relevant Links

[Financial Privacy: The Gramm-Leach Bliley Act](#)
[Health Insurance Portability and Accountability Act \(HIPAA\)](#)
[Sarbanes-Oxley Act](#)
[California SB1386](#)

Missing Secure Attribute in Encrypted Session (SSL) Cookie

Application

WASC Threat Classification

Application Privacy Tests

CVE ID(s)

N/A

CWE ID(s)

614

Security Risks

It may be possible to steal user and session information (cookies) that was sent during an encrypted session

Possible Causes

The web application sends non-secure cookies over SSL

Technical Description

During the application test, it was detected that the tested web application set a cookie without the "secure" attribute, during an encrypted session. Since this cookie does not contain the "secure" attribute, it might also be sent to the site during an unencrypted session. Any information such as cookies, session tokens or user credentials that are sent to the server as clear text, may be stolen and used later for identity theft or user impersonation.

In addition, several privacy regulations state that sensitive information such as user credentials will always be sent encrypted to the web site

General Fix Recommendations

Basically the only required attribute for the cookie is the "name" field. Common optional attributes are: "comment", "domain", "path", etc.

The "secure" attribute must be set accordingly in order to prevent to cookie from being sent unencrypted.

RFC 2965 states:

"The Secure attribute (with no value) directs the user agent to use only (unspecified) secure means to contact the origin server whenever it sends back this cookie, to protect the confidentiality and authenticity of the information in the cookie."

For further reference please see the HTTP State Management Mechanism RFC 2965 at:

<http://www.ietf.org/rfc/rfc2965.txt>

and for "Best current practice" for use of HTTP State Management please see

<http://tools.ietf.org/html/rfc2964>

References and Relevant Links

[Financial Privacy: The Gramm-Leach Bliley Act](#)
[Health Insurance Portability and Accountability Act \(HIPAA\)](#)
[Sarbanes-Oxley Act](#)
[California SB1386](#)

Query Parameter in SSL Request

Application

WASC Threat Classification

Application Privacy Tests

CVE ID(s)

N/A

CWE ID(s)

598

Security Risks

It may be possible to steal sensitive data such as credit card numbers, social security numbers etc. that are sent unencrypted

Possible Causes

Query parameters were passed over SSL, and may contain sensitive information

Technical Description

During the application test, it was detected that a request, which was sent over SSL, contained parameters that were transmitted in the Query part of an HTTP request.

When sending requests, the browser's history can be used to reveal the URLs, which contain the query parameter names and values.

Due to the sensitivity of encrypted requests, it is suggested to use HTTP POST (without parameters in the URL string) when possible, in order to avoid the disclosure of URLs and parameter values to others.

General Fix Recommendations

Make sure that sensitive information such as:

- Username
- Password
- Social Security number
- Credit Card number
- Driver's License number
- e-mail address
- Phone number
- Zip code

is always sent in the body part of an HTTP POST request.

References and Relevant Links

[Financial Privacy: The Gramm-Leach Bliley Act](#)
[Health Insurance Portability and Accountability Act \(HIPAA\)](#)
[Sarbanes-Oxley Act](#)
[California SB1386](#)

Application Error

Application

WASC Threat Classification

Application Quality Tests

CVE ID(s)

N/A

CWE ID(s)

550

Security Risks

It is possible to gather sensitive debugging information

Possible Causes

Proper bounds checking were not performed on incoming parameter values
No validation was done in order to make sure that user input matches the data type expected

Technical Description

If an attacker probes the application by forging a request that contains parameters or parameter values other than the ones expected by the application (examples are listed below), the application may enter an undefined state that makes it vulnerable to attack. The attacker can gain useful information from the application's response to this request, which information may be exploited to locate application weaknesses.

For example, if the parameter field should be an apostrophe-quoted string (e.g. in an ASP script or SQL query), the injected apostrophe symbol will prematurely terminate the string stream, thus changing the normal flow/syntax of the script.

Another cause of vital information being revealed in error messages, is when the scripting engine, web server, or database are misconfigured.

Here are some different variants:

- [1] Remove parameter
- [2] Remove parameter value
- [3] Set parameter value to null
- [4] Set parameter value to a numeric overflow (+/- 99999999)
- [5] Set parameter value to hazardous characters, such as ' " \' \ ') ;
- [6] Append some string to a numeric parameter value
- [7] Append "." (dot) or "[]" (angle brackets) to the parameter name

General Fix Recommendations

- [1] Check incoming requests for the presence of all expected parameters and values. When a parameter is missing, issue a proper error message or use default values.
- [2] The application should verify that its input consists of valid characters (after decoding). For example, an input value containing the null byte (encoded as %00), apostrophe, quotes, etc. should be rejected.
- [3] Enforce values in their expected ranges and types. If your application expects a certain parameter to have a value from a certain set, then the application should ensure that the value it receives indeed belongs to the set. For example, if your application expects a value in the range 10..99, then it should

make sure that the value is indeed numeric, and that its value is in 10..99.

[4] Verify that the data belongs to the set offered to the client.

[5] Do not output debugging error messages and exceptions in a production environment.

J2EE Fix Recommendations

**** Prepared Statements:**

There are three possible ways to protect your application against SQL injection, i.e. malicious tampering of SQL parameters. Instead of dynamically building SQL statements, use:

[1] `PreparedStatement`, which is precompiled and stored in a pool of `PreparedStatement` objects. `PreparedStatement` defines setters to register input parameters that are compatible with the supported JDBC SQL data types. For example, `setString` should be used for input parameters of type `VARCHAR` or `LONGVARCHAR` (refer to the Java API for further details). This way of setting input parameters prevents an attacker from manipulating the SQL statement through injection of bad characters, such as apostrophe.

Example of how to use a `PreparedStatement` in J2EE:

```
// J2EE PreparedStatement Example
// Get a connection to the database
Connection myConnection;
if (isDataSourceEnabled()) {
    // using the DataSource to get a managed connection
    Context ctx = new InitialContext();
    myConnection = ((DataSource)ctx.lookup(datasourceName)).getConnection(dbUserName,
dbPassword);
} else {
    try {
        // using the DriverManager to get a JDBC connection
        Class.forName(jdbcDriverClassName);
        myConnection = DriverManager.getConnection(jdbcURL, dbUserName, dbPassword);
    } catch (ClassNotFoundException e) {
        ...
    }
}
...
try {
    PreparedStatement myStatement = myConnection.prepareStatement("select * from users where
username = ?");
    myStatement.setString(1, userNameField);
    ResultSet rs = myStatement.executeQuery();
    ...
    rs.close();
} catch (SQLException sqlException) {
    ...
} finally {
    myStatement.close();
    myConnection.close();
}
```

[2] `CallableStatement`, which extends `PreparedStatement` to execute database SQL stored procedures. This class inherits input setters from `PreparedStatement` (see [1] above).

The following example assumes that this database stored procedure has been created:

```

CREATE PROCEDURE select_user (@username varchar(20))
AS SELECT * FROM USERS WHERE USERNAME = @username;
Example of how to use a CallableStatement in J2EE to execute the above stored procedure:
// J2EE PreparedStatement Example
// Get a connection to the database
Connection myConnection;
if (isDataSourceEnabled()) {
    // using the DataSource to get a managed connection
    Context ctx = new InitialContext();
    myConnection = ((DataSource)ctx.lookup(datasourceName)).getConnection(dbUserName,
dbPassword);
} else {
    try {
        // using the DriverManager to get a JDBC connection
        Class.forName(jdbcDriverClassPath);
        myConnection = DriverManager.getConnection(jdbcURL, dbUserName, dbPassword);
    } catch (ClassNotFoundException e) {
        ...
    }
}
...
try {
    PreparedStatement myStatement = myConnection.prepareCall("{?= call select_user ?,?}");
    myStatement.setString(1, userNameField);
    myStatement.registerOutParameter(1, Types.VARCHAR);
    ResultSet rs = myStatement.executeQuery();
    ...
    rs.close();
} catch (SQLException sqlException) {
    ...
} finally {
    myStatement.close();
    myConnection.close();
}

```

[3] Entity Bean, which represents an EJB business object in a persistent storage mechanism. There are two types of entity beans: bean-managed and container-managed. With bean-managed persistence, the developer is responsible for writing the SQL code to access the database (refer to sections [1] and [2] above). With container-managed persistence, the EJB container automatically generates the SQL code. As a result, the container is responsible for preventing malicious attempts from tampering with the generated SQL code.

Example of how to use an Entity Bean in J2EE:

```

// J2EE EJB Example
try {
    // lookup the User home interface
    UserHome userHome = (UserHome)context.lookup(User.class);
    // find the User remote interface
    User = userHome.findByPrimaryKey(new UserKey(userNameField));
    ...
} catch (Exception e) {
    ...
}

```

RECOMMENDED JAVA TOOLS

N/A

REFERENCES

<http://java.sun.com/j2se/1.4.1/docs/api/java/sql/PreparedStatement.html>

<http://java.sun.com/j2se/1.4.1/docs/api/java/sql/CallableStatement.html>

** Input Data Validation:

While data validations may be provided as a user convenience on the client-tier, data validation must be performed on the server-tier using Servlets. Client-side validations are inherently insecure because they can be easily bypassed, e.g. by disabling Javascript.

A good design usually requires the web application framework to provide server-side utility routines to validate the following:

[1] Required field

[2] Field data type (all HTTP request parameters are Strings by default)

[3] Field length

[4] Field range

[5] Field options

[6] Field pattern

[7] Cookie values

[8] HTTP Response

A good practice is to implement the above routine as static methods in a "Validator" utility class. The following sections describe an example validator class.

[1] Required field

Always check that the field is not null and its length is greater than zero, excluding leading and trailing white spaces.

Example of how to validate required fields:

```
// Java example to validate required fields
public Class Validator {
    ...
    public static boolean validateRequired(String value) {
        boolean isFieldValid = false;
        if (value != null && value.trim().length() > 0) {
            isFieldValid = true;
        }
        return isFieldValid;
    }
    ...
}
...
String fieldValue = request.getParameter("fieldName");
if (Validator.validateRequired(fieldValue)) {
    // fieldValue is valid, continue processing request
    ...
}
```

[2] Field data type

In web applications, input parameters are poorly typed. For example, all HTTP request parameters or cookie values are of type String. The developer is responsible for verifying the input is of the correct data type. Use the Java primitive wrapper classes to check if the field value can be safely converted to the desired primitive data type.

Example of how to validate a numeric field (type int):

```
// Java example to validate that a field is an int number
public Class Validator {
    ...
    public static boolean validateInt(String value) {
        boolean isFieldValid = false;
        try {
```

```

        Integer.parseInt(value);
        isFieldValid = true;
    } catch (Exception e) {
        isFieldValid = false;
    }
    return isFieldValid;
}
...
}
...
// check if the HTTP request parameter is of type int
String fieldValue = request.getParameter("fieldName");
if (Validator.validateInt(fieldValue)) {
    // fieldValue is valid, continue processing request
    ...
}

```

A good practice is to convert all HTTP request parameters to their respective data types. For example, store the "integerValue" of a request parameter in a request attribute and use it as shown in the following example:

```

// Example to convert the HTTP request parameter to a primitive wrapper data type
// and store this value in a request attribute for further processing
String fieldValue = request.getParameter("fieldName");
if (Validator.validateInt(fieldValue)) {
    // convert fieldValue to an Integer
    Integer integerValue = Integer.getInteger(fieldValue);
    // store integerValue in a request attribute
    request.setAttribute("fieldName", integerValue);
}
...
// Use the request attribute for further processing
Integer integerValue = (Integer)request.getAttribute("fieldName");
...

```

The primary Java data types that the application should handle:

- Byte
- Short
- Integer
- Long
- Float
- Double
- Date

[3] Field length

Always ensure that the input parameter (whether HTTP request parameter or cookie value) is bounded by a minimum length and/or a maximum length.

Example to validate that the length of the userName field is between 8 and 20 characters:

```

// Example to validate the field length
public class Validator {
    ...
    public static boolean validateLength(String value, int minLength, int maxLength) {
        String validatedValue = value;
        if (!validateRequired(value)) {
            validatedValue = "";
        }
        return (validatedValue.length() >= minLength &&

```

```

        validatedValue.length() <= maxLength);
    }
    ...
}
...
String userName = request.getParameter("userName");
if (Validator.validateRequired(userName)) {
    if (Validator.validateLength(userName, 8, 20)) {
        // userName is valid, continue further processing
        ...
    }
}
}

```

[4] Field range

Always ensure that the input parameter is within a range as defined by the functional requirements. Example to validate that the input numberOfChoices is between 10 and 20:

```

// Example to validate the field range
public Class Validator {
    ...
    public static boolean validateRange(int value, int min, int max) {
        return (value >= min && value <= max);
    }
    ...
}
...
String fieldValue = request.getParameter("numberOfChoices");
if (Validator.validateRequired(fieldValue)) {
    if (Validator.validateInt(fieldValue)) {
        int numberOfChoices = Integer.parseInt(fieldValue);
        if (Validator.validateRange(numberOfChoices, 10, 20)) {
            // numberOfChoices is valid, continue processing request
            ...
        }
    }
}
}

```

[5] Field options

Often, the web application presents the user with a set of options to choose from, e.g. using the SELECT HTML tag, but fails to perform server-side validation to ensure that the selected value is one of the allowed options. Remember that a malicious user can easily modify any option value. Always validate the selected user value against the allowed options as defined by the functional requirements. Example to validate the user selection against a list of allowed options:

```

// Example to validate user selection against a list of options
public Class Validator {
    ...
    public static boolean validateOption(Object[] options, Object value) {
        boolean isValidValue = false;
        try {
            List list = Arrays.asList(options);
            if (list != null) {
                isValidValue = list.contains(value);
            }
        } catch (Exception e) {
        }
        return isValidValue;
    }
}

```

```

    }
    ...
}
...
// Allowed options
String[] options = {"option1", "option2", "option3"};
// Verify that the user selection is one of the allowed options
String userSelection = request.getParameter("userSelection");
if (Validator.validateOption(options, userSelection)) {
    // valid user selection, continue processing request
    ...
}

```

[6] Field pattern

Always check that the user input matches a pattern as defined by the functionality requirements. For example, if the userName field should only allow alpha-numeric characters, case insensitive, then use the following regular expression:

```
^[a-zA-Z0-9]*$
```

Java 1.3 or earlier versions do not include any regular expression packages. Apache Regular Expression Package (see Resources below) is recommended for use with Java 1.3 to resolve this lack of support.

Example to perform regular expression validation:

```

// Example to validate that a given value matches a specified pattern
// using the Apache regular expression package
import org.apache.regexp.RE;
import org.apache.regexp.RESyntaxException;
public Class Validator {
    ...
    public static boolean matchPattern(String value, String expression) {
        boolean match = false;
        if (validateRequired(expression)) {
            RE r = new RE(expression);
            match = r.match(value);
        }
        return match;
    }
    ...
}
...
// Verify that the userName request parameter is alpha-numeric
String userName = request.getParameter("userName");
if (Validator.matchPattern(userName, "^[a-zA-Z0-9]*$")) {
    // userName is valid, continue processing request
    ...
}

```

Java 1.4 introduced a new regular expression package (java.util.regex). Here is a modified version of Validator.matchPattern using the new Java 1.4 regular expression package:

```

// Example to validate that a given value matches a specified pattern
// using the Java 1.4 regular expression package
import java.util.regex.Pattern;
import java.util.regex.Matcher;
public Class Validator {
    ...
    public static boolean matchPattern(String value, String expression) {

```

```

        boolean match = false;
        if (validateRequired(expression)) {
            match = Pattern.matches(expression, value);
        }
        return match;
    }
    ...
}

```

[7] Cookie value

Use the `javax.servlet.http.Cookie` object to validate the cookie value. The same validation rules (described above) apply to cookie values depending on the application requirements, e.g. validate a required value, validate length, etc.

Example to validate a required cookie value:

```

// Example to validate a required cookie value
// First retrieve all available cookies submitted in the HTTP request
Cookie[] cookies = request.getCookies();
if (cookies != null) {
    // find the "user" cookie
    for (int i=0; i<cookies.length; ++i) {
        if (cookies[i].getName().equals("user")) {
            // validate the cookie value
            if (Validator.validateRequired(cookies[i].getValue()) {
                // valid cookie value, continue processing request
                ...
            }
        }
    }
}
}

```

[8] HTTP Response

[8-1] Filter user input

To guard the application against cross-site scripting, sanitize HTML by converting sensitive characters to their corresponding character entities. These are the HTML sensitive characters:

```
< > " ' % ; ) ( & +
```

Example to filter a specified string by converting sensitive characters to their corresponding character entities:

```

// Example to filter sensitive data to prevent cross-site scripting
public Class Validator {
    ...
    public static String filter(String value) {
        if (value == null) {
            return null;
        }
        StringBuffer result = new StringBuffer(value.length());
        for (int i=0; i<value.length(); ++i) {
            switch (value.charAt(i)) {
                case '<':
                    result.append("&lt;");
                    break;
                case '>':
                    result.append("&gt;");
                    break;
                case '"':
                    result.append("&quot;");

```

```

        break;
    case "\":
        result.append("&#39;");
        break;
    case '%':
        result.append("&#37;");
        break;
    case ';':
        result.append("&#59;");
        break;
    case '(':
        result.append("&#40;");
        break;
    case ')':
        result.append("&#41;");
        break;
    case '&':
        result.append("&amp;");
        break;
    case '+':
        result.append("&#43;");
        break;
    default:
        result.append(value.charAt(i));
        break;
    }
    return result;
}
...
}

```

```

...
// Filter the HTTP response using Validator.filter
PrintWriter out = response.getWriter();
// set output response
out.write(Validator.filter(response));
out.close();

```

The Java Servlet API 2.3 introduced Filters, which supports the interception and transformation of HTTP requests or responses.

Example of using a Servlet Filter to sanitize the response using Validator.filter:

```

// Example to filter all sensitive characters in the HTTP response using a Java Filter.
// This example is for illustration purposes since it will filter all content in the response, including
HTML tags!

```

```

public class SensitiveCharsFilter implements Filter {
    ...
    public void doFilter(ServletRequest request,
        ServletResponse response,
        FilterChain chain)
        throws IOException, ServletException {

        PrintWriter out = response.getWriter();
        ResponseWrapper wrapper = new ResponseWrapper((HttpServletResponse)response);
        chain.doFilter(request, wrapper);
    }
}

```

```

CharArrayWriter caw = new CharArrayWriter();
caw.write(Validator.filter(wrapper.toString()));

response.setContentType("text/html");
response.setContentLength(caw.toString().length());
out.write(caw.toString());
out.close();
}
...
public class CharResponseWrapper extends HttpServletResponseWrapper {
    private CharArrayWriter output;

    public String toString() {
        return output.toString();
    }

    public CharResponseWrapper(HttpServletResponse response){
        super(response);
        output = new CharArrayWriter();
    }

    public PrintWriter getWriter(){
        return new PrintWriter(output);
    }
}
}
}
}
}

```

[8-2] Secure the cookie

When storing sensitive data in a cookie, make sure to set the secure flag of the cookie in the HTTP response, using `Cookie.setSecure(boolean flag)` to instruct the browser to send the cookie using a secure protocol, such as HTTPS or SSL.

Example to secure the "user" cookie:

```

// Example to secure a cookie, i.e. instruct the browser to
// send the cookie using a secure protocol
Cookie cookie = new Cookie("user", "sensitive");
cookie.setSecure(true);
response.addCookie(cookie);

```

RECOMMENDED JAVA TOOLS

The two main Java frameworks for server-side validation are:

[1] Jakarta Commons Validator (integrated with Struts 1.1)

The Jakarta Commons Validator is a powerful framework that implements all the above data validation requirements. These rules are configured in an XML file that defines input validation rules for form fields. Struts supports output filtering of dangerous characters in the [8] HTTP Response by default on all data written using the Struts 'bean:write' tag. This filtering may be disabled by setting the 'filter=false' flag.

Struts defines the following basic input validators, but custom validators may also be defined:

required: succeeds if the field contains any characters other than white space.

mask: succeeds if the value matches the regular expression given by the mask attribute.

range: succeeds if the value is within the values given by the min and max attributes ((value >= min) & (value <= max)).

maxLength: succeeds if the field is length is less than or equal to the max attribute.

minLength: succeeds if the field is length is greater than or equal to the min attribute.

byte, short, integer, long, float, double: succeeds if the value can be converted to the corresponding primitive.

date: succeeds if the value represents a valid date. A date pattern may be provided.

creditCard: succeeds if the value could be a valid credit card number.

e-mail: succeeds if the value could be a valid e-mail address.

Example to validate the userName field of a loginForm using Struts Validator:

```
<form-validation>
  <global>
    ...
    <validator name="required"
      classname="org.apache.struts.validator.FieldChecks"
      method="validateRequired"
      msg="errors.required">
    </validator>
    <validator name="mask"
      classname="org.apache.struts.validator.FieldChecks"
      method="validateMask"
      msg="errors.invalid">
    </validator>
    ...
  </global>
  <formset>
    <form name="loginForm">
      <!-- userName is required and is alpha-numeric case insensitive -->
      <field property="userName" depends="required,mask">
        <!-- message resource key to display if validation fails -->
        <msg name="mask" key="login.userName.maskmsg"/>
        <arg0 key="login.userName.displayName"/>
        <var>
          <var-name>mask</var-name>
          <var-value>^[a-zA-Z0-9]*$</var-value>
        </var>
      </field>
      ...
    </form>
    ...
  </formset>
</form-validation>
```

[2] JavaServer Faces Technology

JavaServer Faces Technology is a set of Java APIs (JSR 127) to represent UI components, manage their state, handle events and input validation.

The JavaServer Faces API implements the following basic validators, but custom validators may be defined:

validate_doublerange: registers a DoubleRangeValidator on a component

validate_length: registers a LengthValidator on a component

validate_longrange: registers a LongRangeValidator on a component

validate_required: registers a RequiredValidator on a component

validate_stringrange: registers a StringRangeValidator on a component

validator: registers a custom Validator on a component

The JavaServer Faces API defines the following UIInput and UIOutput Renderers (Tags):

input_date: accepts a java.util.Date formatted with a java.text.Date instance

output_date: displays a java.util.Date formatted with a java.text.Date instance

input_datetime: accepts a java.util.Date formatted with a java.text.DateTime instance

output_datetime: displays a java.util.Date formatted with a java.text.DateTime instance
input_number: displays a numeric data type (java.lang.Number or primitive), formatted with a java.text.NumberFormat
output_number: displays a numeric data type (java.lang.Number or primitive), formatted with a java.text.NumberFormat
input_text: accepts a text string of one line.
output_text: displays a text string of one line.
input_time: accepts a java.util.Date, formatted with a java.text.DateFormat time instance
output_time: displays a java.util.Date, formatted with a java.text.DateFormat time instance
input_hidden: allows a page author to include a hidden variable in a page
input_secret: accepts one line of text with no spaces and displays it as a set of asterisks as it is typed
input_textarea: accepts multiple lines of text
output_errors: displays error messages for an entire page or error messages associated with a specified client identifier
output_label: displays a nested component as a label for a specified input field
output_message: displays a localized message

Example to validate the userName field of a loginForm using JavaServer Faces:

```
<%@ taglib uri="http://java.sun.com/jsf/html" prefix="h" %>
<%@ taglib uri="http://java.sun.com/jsf/core" prefix="f" %>
...
<jsp:useBean id="UserBean"
  class="myApplication.UserBean" scope="session" />
<f:use_faces>
  <h:form formName="loginForm" >
    <h:input_text id="userName" size="20" modelReference="UserBean.userName">
      <f:validate_required/>
      <f:validate_length minimum="8" maximum="20"/>
    </h:input_text>
    <!-- display errors if present -->
    <h:output_errors id="loginErrors" clientId="userName"/>
    <h:command_button id="submit" label="Submit" commandName="submit" /><p>
  </h:form>
</f:use_faces>
```

REFERENCES

Java API 1.3 -

<http://java.sun.com/j2se/1.3/docs/api/>

Java API 1.4 -

<http://java.sun.com/j2se/1.4/docs/api/>

Java Servlet API 2.3 -

<http://java.sun.com/products/servlet/2.3/javadoc/>

Java Regular Expression Package -

<http://jakarta.apache.org/regexp/>

Jakarta Validator -

<http://jakarta.apache.org/commons/validator/>

JavaServer Faces Technology -

<http://java.sun.com/j2ee/javaserverfaces/>

** Error Handling:

Many J2EE web application architectures follow the Model View Controller (MVC) pattern. In this pattern a Servlet acts as a Controller. A Servlet delegates the application processing to a JavaBean such as an EJB Session Bean (the Model). The Servlet then forwards the request to a JSP (View) to render the processing results. Servlets should check all input, output, return codes, error codes and known exceptions to ensure that the expected processing actually occurred.

While data validation protects applications against malicious data tampering, a sound error handling strategy is necessary to prevent the application from inadvertently disclosing internal error messages such as exception stack traces. A good error handling strategy addresses the following items:

- [1] Defining Errors
- [2] Reporting Errors
- [3] Rendering Errors
- [4] Error Mapping
- [1] Defining Errors

Hard-coded error messages in the application layer (e.g. Servlets) should be avoided. Instead, the application should use error keys that map to known application failures. A good practice is to define error keys that map to validation rules for HTML form fields or other bean properties. For example, if the "user_name" field is required, is alphanumeric, and must be unique in the database, then the following error keys should be defined:

- (a) ERROR_USERNAME_REQUIRED: this error key is used to display a message notifying the user that the "user_name" field is required;
- (b) ERROR_USERNAME_ALPHANUMERIC: this error key is used to display a message notifying the user that the "user_name" field should be alphanumeric;
- (c) ERROR_USERNAME_DUPLICATE: this error key is used to display a message notifying the user that the "user_name" value is a duplicate in the database;
- (d) ERROR_USERNAME_INVALID: this error key is used to display a generic message notifying the user that the "user_name" value is invalid;

A good practice is to define the following framework Java classes which are used to store and report application errors:

- ErrorKeys: defines all error keys

```
// Example: ErrorKeys defining the following error keys:
// - ERROR_USERNAME_REQUIRED
// - ERROR_USERNAME_ALPHANUMERIC
// - ERROR_USERNAME_DUPLICATE
// - ERROR_USERNAME_INVALID
// ...
public Class ErrorKeys {
    public static final String ERROR_USERNAME_REQUIRED = "error.username.required";
    public static final String ERROR_USERNAME_ALPHANUMERIC =
"error.username.alphanumeric";
    public static final String ERROR_USERNAME_DUPLICATE = "error.username.duplicate";
    public static final String ERROR_USERNAME_INVALID = "error.username.invalid";
    ...
}
```

- Error: encapsulates an individual error

```
// Example: Error encapsulates an error key.
// Error is serializable to support code executing in multiple JVMs.
public Class Error implements Serializable {
```

```
    // Constructor given a specified error key
    public Error(String key) {
        this(key, null);
    }
}
```

```
    // Constructor given a specified error key and array of placeholder objects
    public Error(String key, Object[] values) {
        this.key = key;
        this.values = values;
    }
}
```

```

// Returns the error key
public String getKey() {
    return this.key;
}

// Returns the placeholder values
public Object[] getValues() {
    return this.values;
}

private String key = null;
private Object[] values = null;
}
- Errors: encapsulates a Collection of errors
// Example: Errors encapsulates the Error objects being reported to the presentation layer.
// Errors are stored in a HashMap where the key is the bean property name and value is an
// ArrayList of Error objects.
public Class Errors implements Serializable {

// Adds an Error object to the Collection of errors for the specified bean property.
public void addError(String property, Error error) {
    ArrayList propertyErrors = (ArrayList)errors.get(property);
    if (propertyErrors == null) {
        propertyErrors = new ArrayList();
        errors.put(property, propertyErrors);
    }
    propertyErrors.put(error);
}

// Returns true if there are any errors
public boolean hasErrors() {
    return (errors.size > 0);
}

// Returns the Errors for the specified property
public ArrayList getErrors(String property) {
    return (ArrayList)errors.get(property);
}

private HashMap errors = new HashMap();
}

```

Using the above framework classes, here is an example to process validation errors of the "user_name" field:

```

// Example to process validation errors of the "user_name" field.
Errors errors = new Errors();
String userName = request.getParameter("user_name");
// (a) Required validation rule
if (!Validator.validateRequired(userName)) {
    errors.addError("user_name", new Error(ErrorKeys.ERROR_USERNAME_REQUIRED));
} // (b) Alpha-numeric validation rule
else if (!Validator.matchPattern(userName, "[a-zA-Z0-9]*$")) {
    errors.addError("user_name", new Error(ErrorKeys.ERROR_USERNAME_ALPHANUMERIC));
}

```

```

}
else
{
    // (c) Duplicate check validation rule
    // We assume that there is an existing UserValidationEJB session bean that implements
    // a checkIfDuplicate() method to verify if the user already exists in the database.
    try {
        ...
        if (UserValidationEJB.checkIfDuplicate(userName)) {
            errors.addError("user_name", new Error(ErrorKeys.ERROR_USERNAME_DUPLICATE));
        }
    } catch (RemoteException e) {
        // log the error
        logger.error("Could not validate user for specified userName: " + userName);
        errors.addError("user_name", new Error(ErrorKeys.ERROR_USERNAME_DUPLICATE));
    }
}
// set the errors object in a request attribute called "errors"
request.setAttribute("errors", errors);
...

```

[2] Reporting Errors

There are two ways to report web-tier application errors:

- (a) Servlet Error Mechanism
- (b) JSP Error Mechanism

[2-a] Servlet Error Mechanism

A Servlet may report errors by:

- forwarding to the input JSP (having already stored the errors in a request attribute), OR
- calling response.sendError with an HTTP error code argument, OR
- throwing an exception

It is good practice to process all known application errors (as described in section [1]), store them in a request attribute, and forward to the input JSP. The input JSP should display the error messages and prompt the user to re-enter the data. The following example illustrates how to forward to an input JSP (userInput.jsp):

```

// Example to forward to the userInput.jsp following user validation errors
RequestDispatcher rd = getServletContext().getRequestDispatcher("/user/userInput.jsp");
if (rd != null) {
    rd.forward(request, response);
}

```

If the Servlet cannot forward to a known JSP page, the second option is to report an error using the response.sendError method with HttpServletResponse.SC_INTERNAL_SERVER_ERROR (status code 500) as argument. Refer to the javadoc of javax.servlet.http.HttpServletResponse for more details on the various HTTP status codes.

Example to return a HTTP error:

```

// Example to return a HTTP error code
RequestDispatcher rd = getServletContext().getRequestDispatcher("/user/userInput.jsp");
if (rd == null) {
    // messages is a resource bundle with all message keys and values
    response.sendError(HttpServletResponse.SC_INTERNAL_SERVER_ERROR,
        messages.getMessage(ErrorKeys.ERROR_USERNAME_INVALID));
}

```

As a last resort, Servlets can throw an exception, which must be a subclass of one of the following classes:

- RuntimeException

- ServletException

- IOException

[2-b] JSP Error Mechanism

JSP pages provide a mechanism to handle runtime exceptions by defining an `errorPage` directive as shown in the following example:

```
<%@ page errorPage="/errors/userValidation.jsp" %>
```

Uncaught JSP exceptions are forwarded to the specified `errorPage`, and the original exception is set in a request parameter called `javax.servlet.jsp.jspException`. The error page must include a `isErrorPage` directive as shown below:

```
<%@ page isErrorPage="true" %>
```

The `isErrorPage` directive causes the "exception" variable to be initialized to the exception object being thrown.

[3] Rendering Errors

The J2SE Internationalization APIs provide utility classes for externalizing application resources and formatting messages including:

(a) Resource Bundles

(b) Message Formatting

[3-a] Resource Bundles

Resource bundles support internationalization by separating localized data from the source code that uses it. Each resource bundle stores a map of key/value pairs for a specific locale.

It is common to use or extend `java.util.PropertyResourceBundle`, which stores the content in an external properties file as shown in the following example:

```
#####  
# ErrorMessage.properties  
#####  
# required user name error message  
error.username.required=User name field is required  
  
# invalid user name format  
error.username.alphanumeric=User name must be alphanumeric  
  
# duplicate user name error message  
error.username.duplicate=User name {0} already exists, please choose another one
```

...

Multiple resources can be defined to support different locales (hence the name resource bundle). For example, `ErrorMessage_fr.properties` can be defined to support the French member of the bundle family. If the resource member of the requested locale does not exist, the default member is used. In the above example, the default resource is `ErrorMessage.properties`. Depending on the user's locale, the application (JSP or Servlet) retrieves content from the appropriate resource.

[3-b] Message Formatting

The J2SE standard class `java.util.MessageFormat` provides a generic way to create messages with replacement placeholders. A `MessageFormat` object contains a pattern string with embedded format specifiers as shown below:

```
// Example to show how to format a message using placeholder parameters  
String pattern = "User name {0} already exists, please choose another one";  
String userName = request.getParameter("user_name");  
Object[] args = new Object[1];  
args[0] = userName;  
String message = MessageFormat.format(pattern, args);
```

Here is a more comprehensive example to render error messages using `ResourceBundle` and `MessageFormat`:

```
// Example to render an error message from a localized ErrorMessage resource (properties file)
```

```

// Utility class to retrieve locale-specific error messages
public Class ErrorMessageResource {

    // Returns the error message for the specified error key in the environment locale
    public String getErrorMessage(String errorKey) {
        return getErrorMessage(errorKey, defaultLocale);
    }

    // Returns the error message for the specified error key in the specified locale
    public String getErrorMessage(String errorKey, Locale locale) {
        return getErrorMessage(errorKey, null, locale);
    }

    // Returns a formatted error message for the specified error key in the specified locale
    public String getErrorMessage(String errorKey, Object[] args, Locale locale) {
        // Get localized ErrorMessageResource
        ResourceBundle errorMessageResource = ResourceBundle.getBundle("ErrorMessages",
locale);
        // Get localized error message
        String errorMessage = errorMessageResource.getString(errorKey);
        if (args != null) {
            // Format the message using the specified placeholders args
            return MessageFormat.format(errorMessage, args);
        } else {
            return errorMessage;
        }
    }
}

// default environment locale
private Locale defaultLocale = Locale.getDefaultLocale();
}
...
// Get the user's locale
Locale userLocale = request.getLocale();
// Check if there were any validation errors
Errors errors = (Errors)request.getAttribute("errors");
if (errors != null && errors.hasErrors()) {
    // iterate through errors and output error messages corresponding to the "user_name" property
    ArrayList userNameErrors = errors.getErrors("user_name");
    ListIterator iterator = userNameErrors.iterator();
    while (iterator.hasNext()) {
        // Get the next error object
        Error error = (Error)iterator.next();
        String errorMessage = ErrorMessageResource.getErrorMessage(error.getKey(), userLocale);
        output.write(errorMessage + "\r\n");
    }
}
}

```

It is recommended to define a custom JSP tag, e.g. `displayErrors`, to iterate through and render error messages as shown in the above example.

[4] Error Mapping

Normally, the Servlet Container will return a default error page corresponding to either the response status code or the exception. A mapping between the status code or the exception and a web resource may be specified using custom error pages. It is a good practice to develop static error

pages that do not disclose internal error states (by default, most Servlet containers will report internal error messages). This mapping is configured in the Web Deployment Descriptor (web.xml) as specified in the following example:

```
<!-- Mapping of HTTP error codes and application exceptions to error pages -->
<error-page>
  <exception-type>UserValidationException</exception-type>
  <location>/errors/validationError.html</error-page>
</error-page>
<error-page>
  <error-code>500</exception-type>
  <location>/errors/internalError.html</error-page>
</error-page>
<error-page>
  ...
</error-page>
...
</error-page>
...

```

RECOMMENDED JAVA TOOLS

The two main Java frameworks for server-side validation are:

[1] Jakarta Commons Validator (integrated with Struts 1.1)

The Jakarta Commons Validator is a Java framework that defines the error handling mechanism as described above. Validation rules are configured in an XML file that defines input validation rules for form fields and the corresponding validation error keys. Struts provides internationalization support to build localized applications using resource bundles and message formatting.

Example to validate the userName field of a loginForm using Struts Validator:

```
<form-validation>
  <global>
    ...
    <validator name="required"
      classname="org.apache.struts.validator.FieldChecks"
      method="validateRequired"
      msg="errors.required">
    </validator>
    <validator name="mask"
      classname="org.apache.struts.validator.FieldChecks"
      method="validateMask"
      msg="errors.invalid">
    </validator>
    ...
  </global>
  <formset>
    <form name="loginForm">
      <!-- userName is required and is alpha-numeric case insensitive -->
      <field property="userName" depends="required,mask">
        <!-- message resource key to display if validation fails -->
        <msg name="mask" key="login.userName.maskmsg"/>
        <arg0 key="login.userName.displayname"/>
        <var>
          <var-name>mask</var-name>
          <var-value>^[a-zA-Z0-9]*$</var-value>
        </var>
      </field>
      ...
    </form>
  </formset>
</form-validation>

```

```

...
</formset>
</form-validation>

```

The Struts JSP tag library defines the "errors" tag that conditionally displays a set of accumulated error messages as shown in the following example:

```

<%@ page language="java" %>
<%@ taglib uri="/WEB-INF/struts-html.tld" prefix="html" %>
<%@ taglib uri="/WEB-INF/struts-bean.tld" prefix="bean" %>
<html:html>
<head>
<body>
  <html:form action="/logon.do">
    <table border="0" width="100%">
      <tr>
        <th align="right">
          <html:errors property="username"/>
          <bean:message key="prompt.username"/>
        </th>
        <td align="left">
          <html:text property="username" size="16"/>
        </td>
      </tr>
      <tr>
        <td align="right">
          <html:submit><bean:message key="button.submit"/></html:submit>
        </td>
        <td align="right">
          <html:reset><bean:message key="button.reset"/></html:reset>
        </td>
      </tr>
    </table>
  </html:form>
</body>
</html:html>

```

[2] JavaServer Faces Technology

JavaServer Faces Technology is a set of Java APIs (JSR 127) to represent UI components, manage their state, handle events, validate input, and support internationalization.

The JavaServer Faces API defines the "output_errors" UIOutput Renderer, which displays error messages for an entire page or error messages associated with a specified client identifier.

Example to validate the userName field of a loginForm using JavaServer Faces:

```

<%@ taglib uri="http://java.sun.com/jsf/html" prefix="h" %>
<%@ taglib uri="http://java.sun.com/jsf/core" prefix="f" %>
...
<jsp:useBean id="UserBean"
  class="myApplication.UserBean" scope="session" />
<f:use_faces>
  <h:form formName="loginForm" >
    <h:input_text id="userName" size="20" modelReference="UserBean.userName">
      <f:validate_required/>
      <f:validate_length minimum="8" maximum="20"/>
    </h:input_text>
    <!-- display errors if present -->
    <h:output_errors id="loginErrors" clientId="userName"/>
  </h:form>
</f:use_faces>

```

```

    <h:command_button id="submit" label="Submit" commandName="submit" /><p>
  </h:form>
</f:use_faces>
REFERENCES
Java API 1.3 -
http://java.sun.com/j2se/1.3/docs/api/
Java API 1.4 -
http://java.sun.com/j2se/1.4/docs/api/
Java Servlet API 2.3 -
http://java.sun.com/products/servlet/2.3/javadoc/
Java Regular Expression Package -
http://jakarta.apache.org/regexp/
Jakarta Validator -
http://jakarta.apache.org/commons/validator/
JavaServer Faces Technology -
http://java.sun.com/j2ee/javaserverfaces/

```

.Net Fix Recommendations

In order to disable debugging in ASP.NET, edit your web.config file to contain the following:

```

<compilation
  debug="false"
/>

```

For more information, see "HOW TO: Disable Debugging for ASP.NET Applications" in:

<http://support.microsoft.com/default.aspx?scid=kb;en-us;815157>

You can add input validation to Web Forms pages by using validation controls. Validation controls provide an easy-to-use mechanism for all common types of standard validation (for example, testing for valid dates or values within a range), plus ways to provide custom-written validation. In addition, validation controls allow you to completely customize how error information is displayed to the user. Validation controls can be used with any controls that are processed in a Web Forms page's class file, including both HTML and Web server controls.

To make sure that all the required parameters exist in a request, use the "RequiredFieldValidator" validation control. This control ensures that the user does not skip an entry in the web form.

To make sure user input contains only valid values, you can use one of the following validation controls:

- [1] "RangeValidator": checks that a user's entry (value) is between specified lower and upper boundaries. You can check ranges within pairs of numbers, alphabetic characters, and dates.
- [2] "RegularExpressionValidator": checks that the entry matches a pattern defined by a regular expression. This type of validation allows you to check for predictable sequences of characters, such as those in social security numbers, e-mail addresses, telephone numbers, postal codes, and so on. Important note: validation controls do not block user input or change the flow of page processing; they only set an error state, and produce error messages. It is the programmer's responsibility to test the state of the controls in the code before performing further application-specific actions.

There are two ways to check for user input validity:

1. Test for a general error state:

In your code, test the page's IsValid property. This property rolls up the values of the IsValid properties of all the validation controls on the page (using a logical AND). If one of the validation controls is set to invalid, the page's property will return false.

2. Test for the error state of individual controls:

Loop through the page's Validators collection, which contains references to all the validation controls. You can then examine the IsValid property of each validation control.

Here are two possible ways to protect your web application against SQL injection attacks:

[1] Use a stored procedure rather than a dynamically built SQL query string. The manner in which parameters are passed to SQL Server stored procedures prevents the use of apostrophes and hyphens.

Example of how to use stored procedures in ASP.NET:

```
' Visual Basic example
Dim DS As DataSet
Dim MyConnection As SqlConnection
Dim MyCommand As SqlDataAdapter

Dim SelectCommand As String = "select * from users where username = @username"
...
MyCommand.SelectCommand.Parameters.Add(New SqlParameter("@username",
SqlDbType.NVarChar, 20))
MyCommand.SelectCommand.Parameters("@username").Value = UserNameField.Value
```

// C# example

```
String selectCmd = "select * from Authors where state = @username";
SqlConnection myConnection = new SqlConnection("server=...");
SqlDataAdapter myCommand = new SqlDataAdapter(selectCmd, myConnection);

myCommand.SelectCommand.Parameters.Add(new SqlParameter("@username",
SqlDbType.NVarChar, 20));
myCommand.SelectCommand.Parameters["@username"].Value = UserNameField.Value;
```

[2] You can add input validation to Web Forms pages by using validation controls. Validation controls provide an easy-to-use mechanism for all common types of standard validation (for example, testing for valid dates or values within a range), plus ways to provide custom-written validation. In addition, validation controls allow you to completely customize how error information is displayed to the user. Validation controls can be used with any controls that are processed in a Web Forms page's class file, including both HTML and Web server controls.

PHP Fix Recommendations

** Input Data Validation:

While data validations may be provided as a user convenience on the client-tier, data validation must always be performed on the server-tier. Client-side validations are inherently insecure because they can be easily bypassed, e.g. by disabling Javascript.

A good design usually requires the web application framework to provide server-side utility routines to validate the following:

- [1] Required field
- [2] Field data type (all HTTP request parameters are Strings by default)
- [3] Field length
- [4] Field range
- [5] Field options
- [6] Field pattern
- [7] Cookie values
- [8] HTTP Response

A good practice is to implement a function or functions that validates each application parameter. The following sections describe some example checking.

[1] Required field

Always check that the field is not null and its length is greater than zero, excluding leading and trailing

white spaces.

Example of how to validate required fields:

```
// PHP example to validate required fields
function validateRequired($input) {
    ...
    $pass = false;
    if (strlen(trim($input))>0){
        $pass = true;
    }
    return $pass;
    ...
}
...
if (validateRequired($fieldName)) {
    // fieldName is valid, continue processing request
    ...
}
```

[2] Field data type

In web applications, input parameters are poorly typed. For example, all HTTP request parameters or cookie values are of type String. The developer is responsible for verifying the input is of the correct data type.

[3] Field length

Always ensure that the input parameter (whether HTTP request parameter or cookie value) is bounded by a minimum length and/or a maximum length.

[4] Field range

Always ensure that the input parameter is within a range as defined by the functional requirements.

[5] Field options

Often, the web application presents the user with a set of options to choose from, e.g. using the SELECT HTML tag, but fails to perform server-side validation to ensure that the selected value is one of the allowed options. Remember that a malicious user can easily modify any option value. Always validate the selected user value against the allowed options as defined by the functional requirements.

[6] Field pattern

Always check that user input matches a pattern as defined by the functionality requirements. For example, if the userName field should only allow alpha-numeric characters, case insensitive, then use the following regular expression:

```
^[a-zA-Z0-9]+$
```

[7] Cookie value

The same validation rules (described above) apply to cookie values depending on the application requirements, e.g. validate a required value, validate length, etc.

[8] HTTP Response

[8-1] Filter user input

To guard the application against cross-site scripting, the developer should sanitize HTML by converting sensitive characters to their corresponding character entities. These are the HTML sensitive characters:

```
< > " ' % ; ) ( & +
```

PHP includes some automatic sanitization utility functions, such as htmlentities():

```
$input = htmlentities($input, ENT_QUOTES, 'UTF-8');
```

In addition, in order to avoid UTF-7 variants of Cross-site Scripting, you should explicitly define the Content-Type header of the response, for example:

```
<?php
```

```
header('Content-Type: text/html; charset=UTF-8');
```

?>

[8-2] Secure the cookie

When storing sensitive data in a cookie and transporting it over SSL, make sure that you first set the secure flag of the cookie in the HTTP response. This will instruct the browser to only use that cookie over SSL connections.

You can use the following code example, for securing the cookie:

```
<?php
    $value = "some_value";
    $time = time()+3600;
    $path = "/application/";
    $domain = ".example.com";
    $secure = 1;

    setcookie("CookieName", $value, $time, $path, $domain, $secure, TRUE);
?>
```

In addition, we recommend that you use the HttpOnly flag. When the HttpOnly flag is set to TRUE the cookie will be made accessible only through the HTTP protocol. This means that the cookie won't be accessible by scripting languages, such as JavaScript. This setting can effectively help to reduce identity theft through XSS attacks (although it is not supported by all browsers).

The HttpOnly flag was Added in PHP 5.2.0.

REFERENCES

[1] Mitigating Cross-site Scripting With HTTP-only Cookies:

<http://msdn2.microsoft.com/en-us/library/ms533046.aspx>

[2] PHP Security Consortium:

<http://phpsec.org/>

[3] PHP & Web Application Security Blog (Chris Shiflett):

<http://shiflett.org/>

References and Relevant Links

An example for using apostrophe to hack a site can be found in "How I hacked PacketStorm (by Rain Forest Puppy), RFP's site"

"Web Application Disassembly with ODBC Error Messages" (By David Litchfield)

CERT Advisory (CA-1997-25): Sanitizing user-supplied data in CGI scripts

Email Address Pattern Found

Application

WASC Threat Classification

Information Leakage

<http://projects.webappsec.org/Information-Leakage>

CVE ID(s)

N/A

CWE ID(s)

359

Security Risks

It is possible to gather sensitive information about the web application such as usernames, passwords, machine name and/or sensitive file locations

Possible Causes

Insecure web application programming or configuration

Technical Description

Spambots crawl internet sites, set out to find e-mail addresses in order to build mailing lists for sending unsolicited e-mail (spam).

AppScan detected a response containing one or more e-mail addresses, which may be exploited to send spam mail

Furthermore, the e-mail addresses found may be private and thus should not be accessible to the general public.

General Fix Recommendations

Remove any e-mail addresses from the website so that they won't be exploited by malicious users.

References and Relevant Links

[Definition of Spambot \(Wikipedia\)](#)

HTML Comments Sensitive Information Disclosure

Application

WASC Threat Classification

Information Leakage

<http://projects.webappsec.org/Information-Leakage>

CVE ID(s)

N/A

CWE ID(s)

615

Security Risks

It is possible to gather sensitive information about the web application such as usernames, passwords, machine name and/or sensitive file locations

Possible Causes

Debugging information was left by the programmer in web pages

Technical Description

Many web application programmers use HTML comments to help debug the application when needed. While adding general comments is very useful, some programmers tend to leave important data, such as: filenames related to the web application, old links or links which were not meant to be browsed by users, old code fragments, etc. An attacker who finds these comments can map the application's structure and files, expose hidden parts of the site, and study the fragments of code to reverse engineer the application, which may help develop further attacks against the site.

General Fix Recommendations

- [1] Do not leave any vital information such as filenames or file paths in HTML comments.
- [2] Remove traces of previous (or future) site links in the production site comments.
- [3] Avoid placing sensitive information in HTML comments.
- [4] Make sure that HTML comments do not include source code fragments.
- [5] Make sure that no vital information was left behind by programmers.

References and Relevant Links

[WASC Threat Classification: Information Leakage](#)

SSL Certificate Domain Name Mismatch

Application

WASC Threat Classification

Application Quality Tests

CVE ID(s)

N/A

CWE ID(s)

297

Security Risks

It is possible to prevent the web application from serving other users (denial of service)

It is possible to persuade a naive user to supply sensitive information such as username, password, credit card number, social security number etc.

Possible Causes

The web server or application server are configured in an insecure way

Technical Description

The SSL certificate contains a domain name that does not match the visited site.

Having a mis-configured SSL certificate has several security implications:

- Denial of Service: users with strict security policy will not be able to browse the site
- Phishing: It is easier for malicious sites to pretend to be the legitimate site, and to obtain users confidential information

General Fix Recommendations

Contact your Certificate Authority and update your SSL certificate. Make sure that all attributes such as the validation date, expiration date, common name, etc. are correct.

References and Relevant Links

N/A